

"The Consumption of Paper is the Measure of a People's Culture."

NEW YORK, NOVEMBER 6, 1880.

VOLUME IX.-NO. 45. Trade Topics.

Coloring Paper Pulp. BY JULIUS ERFURT.

PART I. -CONTINUED. Neutral acetate of alumina is a still better

mordant for cochineal colors than alum or sul-phate of alumina. The neutralization should however only be undertaken in the fibre itself, after the same shall have been saturated in a suitable quantity by weight of acetate of alumina in solution (or a solution of hydrated alumina in acetic acid), the best being milk of lime, provided the latter will prove iujurious to the quality of the paper to be manufactured. For sized papers an alum mordant is decidedly to be preferred, although the coloring matter may not become as fully absorbed. A remarkably fine scarlet color may be produced by ns of cochineal, if the pulp, dyed a bright red, be graded with a fresh decoction of woad. The latter not only produces handsomer, but more durable colors than other vegetable subces dyeing yellow.

Of the various descriptions of "reseda luteola" to be met with in trade the one procured from Cette is the most productive of coloring matter. Its stalks are thin and thickly covered with yellow buds which contain the luteoline, or coloring matter, which is extracted by boiling in pure soft water.

Fuchsine .- The artificial organic coloring substances have, of late, obtained great favor with paper manufacturers; so much so, that the use of natural dyestuffs has dwindled to comparative insignificance. Aniline, produced from coal tar, forms the basis of most of the artificial dyes. It emanates from the nitro-benzole, produced in its turn by treating benzine with strong nitric acid. The latter is rectified naphtha, which passes over on distilling coal tar. The term aniline originally designated the yellow substance formed by the decomposition of in-digo in nitric acid; and only quite recently the same body was discovered in coal tar. The aniline itself possesses poisonous qualities, which are apt to be transferred to the preparations made from it, should they retain the impurities of the undecomposed basis, as frequently oc-

In a crystallized or powdered condition aniline colors contain least unaltered aniline: but even the crystallized aniline colors may be productive of poisonous effects, inasmuch as the poisonou oxides used to produce them adhere to them more or less. To these belong arsenic, peroxide of lead, compounds of nitric acid, and chlorine with quicksilver, &c. Pure aniline substances are not poisonous, but they may become so in compounds with hydrochloric, arsenic, acetic on picric acids, or through the mordants used for fixing them on the pulp. Paper, for example, dyed with a solution of methyle or jod-green for which the dye decoction has been acidulated with acetic acid, is not free from poison, and becomes poisonous to a considerable degree should the color have been shaded with picric acid. It is preferable, therefore, to substitute for the picric acid a dependent color dyeing yellow. To fix aniline colors, which greatly exceed dyewood color, in beauty and liveliness tint, a thorough treatment of the pulp with alum will suffice. It is decidedly best to heat the pulp to 50° or 60° R., for the uniform and per olution of the aniline colors is materially enhanced thereby. The artificial colors should olved in a great deal of water, so as to leave a few coloring particles as possible in suspense during filtration. The solutions should be prepared only a short time before they are applied, for by letting them stand, especially in ossels, they lose strength materially. covered v Aniline red, usually called fuchsine, is produced from aniline. It is distinguished for the extraordinary amount of coloring matter it repre ats as well as for the beauty of its rose and carmine tints. The inventor of this important dyestuff is A. W. Hoffmann, who produced it from 1 part of biobloride of carbon and 4 parts of aniline. In manufactories it is made from aniline and neutral oxide of quicksilver, or from aniline and arsenic acid. Fuchsine containing arsenic may be purified as follows: The pow dered raw color is treated with concentrated hydrochloric acid, and subsequently diluted with water. Caustic soda is added to the clarifled solution in sufficient quantity to leave a light sediment. The arsenic remains in solution in the lye, while the color is precipitated. washing the precipitate repeatedly in cold water and subsequently filtering it, it is obtained in a pure state

golden, greenish lustre peculiar to the crystals of fuchsine, a color similar to Florentine bronze rendering the adulteration imperceptible to the eye. Experience has shown that aniline prepa rations made in Germany are free from such adulterations, but they are at times discovered in those from abroad, or manipulated by un-scrupulous dealers. Merchandise of this kind, of inferior value, however, soon shows the little coloring strength it possesses. Of I diamond fuchsine, 200 grains are dissolved in 30 litres of pure soft water, and then boiled for five minutes and stirred continually. During the boiling, the scum appearing on the surface is carefully removed, until the entire solution appears clear, when it is filtered. The most brilliant rose tints are obtained from refined diamond fuchsine. The kinds met with in trade are yellowish pure red, and sorts of a bluish cast. Fuchaine is little suited for securing yellowish red tints, for the bluish cast, inseparable from operates unfavorably. Weak fuchsine solutions are also frequently

used, instead of bright red or cochineal in

ion with a blue dye, for whitening paper pulp, especially where cheap-ness is the main object to be attained, and where a fast color is a ondary consideration In this way it is feasible to change white paper containing wood fibre and having a greenish vellow shade, which arises on employing a blue coloring substan to a tint pleasant to the

eye. But it should be mentioned that white paper colored with fuchsine has the drawback that it looks dark in lamplight. handsome amaranth red may be elicited by toning down fuchsine-carmoisine with methyl violet. Aniline red may be advantageously employed for imparting liveliness to dyewood It may be remarked, in summing up, that the aniline derivatives commend themselves, as a general thing, by their simplicity of adaptation and the fire which characterizes their tints; they are, therefore, specially useful in imparting beauty to other colors, dyewood decoc tions in particular.

Cerise (Cherry Red) .- There appears in comerce an aniline red, designated by the name of 'Cerise," frequently used for coloring common orts of paper, on account of its cheapness. The shade it produces direct is between scarlet and carmine, but is not free from a brownish tinge, which is important, inasmuch as it enables us to employ this dye for shading brownish-red colors. One part in weight of cerise is dissolved in six parts of water, acidulated with acetic acid, and the solution is boiled thoroughly, while scumming should not be neglected; and, while to one part by weight of fuchsine at least four parts by weight of alum are necessary for mordanting the pulp, four parts of alum will be sufficient for

1.75 parts of cerise dissolved in acetic acid. Naphtaline Red.— Naphtaline red (Magdala ed) approaches in color fuchsine red, but is less brilliant and not so fast. Not possessing any advantage in point of cheapness, its application cannot be recommended.

Safranine.--Safranine produces the most delicate rose tints. It is handled the same as fuchsine and is adapted for coloring letter paper, fine wrapping paper, &c. By using a handsome yel-low phosphine, brilliant scarlet tints may be produced on safranine

[To be Continued.]

pulp then runs upon another lower knotter, and I noticed that several mills used various methods for reducing the noise of these knotters. One mill was working a perfectly silent one. This is a great improvement over the fearfully noisy and somewhat rude contrivances for producing the shake. The knotter, in many cases, was driven by a small pulley immediately over the outfall of the pulp. This is a bad arrangement, as the fast strap often throws or shakes small pieces of dirt and hardened gritty matters into the pulp. Consequently, black specks are not on in the pulp. The shake of the knotter is produced sideways, by two pieces of iron by which the end of the knotter is suspended. The knotter is like an elongated shovel, perhaps, and the pulp running down this long piece of vibratory "wire" is, so to speak, partly ma-chined. It falls from the end into a tank, and from this tank it goes into a "refiner." This may be described as an intermediate grinding mill, which regrinds the coarse pulp that does not run through the wire, and reduces it to such a state that, as it runs out of this refiner, it can

Fig. 1.

the machine takes a knife, and inserting it in the groove runs it straight across the roller, thereby separating the pulp in the form of a thick collection of layers of fibre. This sheet is then folded into three, and laid on one side, whence it goes to a strong hydraulic press and is pressed flat. It is then boxed or packed in the well known wooden frame or cage, ready for the market.

Another form of pulp, however, is made. doctor blade is allowed to rest over the roller. and the fine, thin sheet of fibre turns on me ing this and is automatically peeled off, fall-ing of its own weight into a box or suitable receptacle. It is then torn up into smaller pieces and packed into bags, and in this form consum ed by the home paper-makers. In this condition it contains 51 or 60 per cent. of water, and where carriage is of no consequence it is far better to use this form of pulp than the other, and especially the dry varieties. This is the first quality of pulp made, and the thick cardboard like material is the next, whilst the third quality is the waste from the knotters and the settling or backwater tank referred

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After seeing all this I naturally felt rather hungry. I had been alone in the mill for about a quarter of an hour, taking some notes, and looking about me. During this time I had nissed the breakfast so kindly prepared for us by Mr. Eickhoff, and it was only the cheering at the proposal of Mr. Eick-

hoff's health that called me to a proper sense of my foolishness in neglecting the inner man.

However, I endeavored to make up for the lost time when I did start, and after a capital breakfast I had a look at three new pieces of apparatus, one for peeling the bark off the pine wood, and two for testing the moisture in wood pulp. These machines I will describe in W. F. C. my next. [To be Continued.]

A Crushing Process for Wood.

One of the most recent processes for the production of wood pulp is designed to secure a long fibre pointed at the ends and broader in the middle, of greater or less length, according to the desire of the manufacturer, and to effect these results entirely by mechanical means, thus avoiding the use of chemicals, and furnishing a pulp which is, without their employment, fit for use in the paper maker's vats.

In carrying out the process wood of any suit-able variety is sawed into blocks at (or as near as practicable at) a right angle with the grain of the wood, which is thus left from one-eighth of an inch to one inch in extent, measured from one cut side of the blocks to the opposite cut -that is to say, the blocks are sawed off in thicknesses ranging from one-eighth of an inch to one inch. The blocks thus cut are then laid upon a firm support of some suitable solid material-say a smooth, flat-faced mass of - in such a manner that the grain of the wood is in a vertical position relatively with the face, and are then hammered upon the cut ends of the grains till reduced to fibre of the requisite fineness. A trip-hammer is preferably used for thus disintegrating the wood. The effect is said to be to separate the wood into its cellular fibres without materially breaking these fibres across, and hence to produce a paper stock of equal strength, capable of making a stronger and more perfect article of paper than can be done with pulp of shorter fibre, or fibre partly broken between its ends. The claims of this process are the manufacture of paper pulp from wood by first sawing the wood at (or as nearly as practicable at) a right angle with the grain into blocks of variou thicknesses, according to the nature of the fibre to be produced, and then subjecting these blocks to hammering applied in the direction of the end of the grain till the blocks are reduced to pulp of the required fineness. (231, 720.)

WHOLE NUMBER 340.

frame B and roller B', which roller is suitably journaled in boxes or bearings C. From the under side of the roller-frame ex-

tends a pin, or pivot D, which pivots in a hole, D' in a transverse plate D², upon the cross-bar. At each side of this pin D is a steadying-pin, a a, which permits the roller and roller-frame to up or down upon its centre and pivot itself on the pivot D, while the pin a a prevents the roller from moving sidewise.

Guide-pins b b extend from both ends of the roller-frame and operate against pins c c, placed in an inclined position on the cross-bar, as shown. These inclined pins c c may be placed in the cross-bar back of the roller and rollerframe when a wire web is employed, in which case the end pins, b b, may be dispensed with; but for a felt blanket the arrangement shown is preferred. Ordinarily three or four of these rollers will be required in a machine.

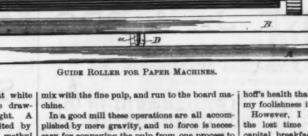
The operation of the device is as follows: As the blanket felt is caused to pass over the guide-rollers any deviation from a straight course, in which it travels, throws a preponderance of weight to that side and causes the roller to vibrate upon its pivot and pins up and down, forward and back, until the blanket automatic ally assumes its central trend or travel and a proper adjustment to its true course is had, the inclined pins, c c, acting as a guide to the movements of the roller and roller-frame, and thus it will be seen that the side of the blanket will be prevented from curling up or buckling.

The claims cover the combination of the movable guide-roller B', journaled in bearings C on the frame B, with the central pivot, D, pins a c, and guide-pins b. (229,636.)

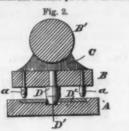
Improvements in the Production of Ammonia

A nitrate or a nitrite-by preference nitrate of baryta or of potash-is heated in a retort of the gases, products of decomposition are brought in contact with the vapor of water in another heated retort filled with coke. Here the nitrogen and the hydrogen, set at liberty, combine and form ammonia. This process may be worked with a single retort if the nitrate which is to be decomposed is mixed with hydrate of potash and carbon. In this case an alkaline bicarbonate remains in the retort. The base which remains in the first retort may be restored to the state of a nitrate or nitrite. For this purpose it is brought in contact with nitrogen and oxygen under the influence of electricity. The operation takes place in an earthen vessel, containing, for instance, baryta, into which the air and the oxygen are introduced by two tubes. while two other apertures give access to the polar wires. The vessel may thus contain merely air and the necessary excess of oxygen, and the vapors formed by the electric current may be passed directly into the decomposition retort, where steam arrives at the same time.

In another process ammonia is obtained by means of atmospheric nitrogen and watery vapor under the influence of electricity. The apparatus employed for this purpose con s of a retort containing ignited coke, into which is passed watery vapor. The gas (hydrogen) is drawn out by means of a pump, and compressed in a reservoir, where, after being cooled, it may he be purified. The gases of combustion derived from heating the retort are driven by a pump into another reservoir where the carbonic acid is absorbed by lime. From these two reservoirs the nitrogen and hydrogen are led into a chest, where they are intimately mixed by a spiral wheel, set in motion by the gaseous current. At the bottom of the chest is fixed a giass tube containing wires, between which electric sparks play. A cock fixed at the end of the tube serves to regulate the flow of the gas, and the amia formed is absorbed by any known means. -Moniteur des Produits Chimiques.



sary for conveying the pulp from one process to another. The various processes are arranged upon a carefully prepared flight of steps, each one of which is sufficiently raised to allow the last to conduct the pulp to the machine. I noticed, however, in one or two mills, where extra care or additional knotter power was used, that



stuff pumps had to be used. These, however, were worked, as well as the other preparatory machinery, by shafting and gear, driven by the water wheel.

When water is plentiful the whole of the six grinding mills are kept in full work, and run night and day. They grind more pulp than can be made into boards or dry pulp, so, with a view of providing against a dry day, some large concrete tanks are built to receive the surplus ground pulp. The excess from the grinding which, if allowed to run, would overflow mills the knotters, is run into this large store tank where it drains, the backwater going into a deep tank outside, and running round a series of divisions, like the letter S, somewhat. This

causes the pulp to settle, and thus this sediment is saved. In the winter, when the full water power is not to be had, and when, perhaps, only two or three grinding machines can be used, this store tank supply of ground wood comes in very useful, and keeps the board machine going. The board machine is a simple yet ingenious contrivance. There is a barrel wire running in The pulp a tank of stuff from the knotters. settles upon this wire barrel, and is conducted away upon a wet felt, in a very thin sheet. It does not go very far or very fast. The wet sheet goes to a roller made of solid beechwood. This roller has two small grooves along its entire length, about half an inch deep, but very narrow, only large enough to admit the blade of a knife. There is, upon the machine side of this roller, a small pulley, which is placed very close to the roller. The pulley is upon a small rod, which rests upon two bearings fixed in the machine frame. At the right-hand side of the roller is a small bell, which is set ringing imme diately the small pulley moves. The pulp from the machine collects in layers upon the roller, until it becomes thick enough to touch the pulley upon the other side. As every revolution of the roller makes it a shade thicker, against the stones. These pieces collect until they it at last causes the pulley to revolve when can be removed and thrown away. The other the bell ringe, and the man in attendance at

Fuchsine is, at times, adulterated with raw sugar, but this seldom occurs. The diminutive crystals of the sugar are colored with the fuchsine, and, on drying them, they assume the

How Wood Pulp is Made in Germany. No. III.

The grinding machines, of which there are from three to six in number in most cases, are fixed in a gallery at the extreme end of the This gallery is purposely raised, to allow mill the pulp from the grinding machines to fall of its own accord into the knotters, vats, &c., which are situated about 5 feet or so above the stone floor of the building. All the other machinery for making the pulp into sheets or boards is upon the floor itself, and, as a rule, is laid down with every attention to convenience and economy of working.

In C. Eickhoff's mill there were six grinding machines, running at about 150 revolutions per The pulp runs from three of these machines by shoots into one common shoot, which conducts the pulp from the three grinding mills to a knotter, of ordinary vibratory construc-tion. While the pulp is running to this knotter, it has to go through a fine outlet, which arrests any splinters of wood that have been unground or that have split off the wood

Guide-Roller for Paper Machines.

The drawings given herewith illustrate an iment in guide-rollers for the wire web and blanket felt of paper-making machines; and it consists in the construction and arrangem ent of devices whereby the rollers are automatically adjusted to any unequal preponderance of the trend or travel of the blanket, which is thus enabled to assume a central course without curling at the sides.

Fig. 3 is a transverse section taken through the centre of the roller and frame.

On the cross-bar A, which is permanently attached to the machine, are placed the roller- | pound. The value of the American product was

The Paper Trade in the City of New York.

[Continued.]

It is worth the reader's while to turn aside for a moment at this stage of the history of the paper trade in the city of New York, from the limited range of individuals and firms to a general survey of the paper trade of the country. The United States is, by long odds, the largest paper producing country in the world. latest comparison available at this writing is based on the production of the year 1872. Then the product of the United States was 585,000,000 pounds against 1,485,800,000 pounds in the other ountries of the world excepting China and Japan. The next largest producers were Germany and Great Britain, which produced 360,-000,000 each. The product of Germany was in reality, however, somewhat larger than that of Great Britain, as the German pound contains about three ounces more than the English

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\$66,505,825 against \$48,436,665 in 1870, \$21,198,802 in 1860, and \$10,187,177 in 1850. Thus the industry had about sextupled in twenty-two years. Of the total in 1873 Massachusetts produced \$18,934,925; New York, \$10,118,830; Pennsyl-vania, \$7,616,375; Connecticut, \$5,871,443; Ohio, \$4,621,520; and the other States the remainder.

Perhaps no other product of home manufact-ure so completely excludes the foreign article. While the home production of raw paper was in 1872 of \$66,500,000 in value, the value of paper and articles manufactured therefrom im-ported into the United States was only \$1,-619,969. In 1879 the imports had further dwin-dled down to \$1,186,382, by far the greater part of this sum being represented by articles manufactured from paper. The exports of paper and stationery from this country for the fiscal year ended June 30, 1880, aggregated \$1,183,140. The following statistics of the imports of paper into the United States from 1824, beyond which no records seem to have been kept, have been obtained for THE PAPER TRADE JOURNAL from the government archives in Washington. It may be added that the bulk of the imports was entered in the city of New York.

STATEMENT Showing the Value of the Paper and Manufactures thereof (blank books, &c.), Imported

YEAR.	Value of Importa-	YEAR.	Value of Importa-
	tions.	1.010	tions.
1804	\$68,066		\$415,278
1895		1849	
18:06		1850	
1827		1851	
1828		18:2	
1809		1853	
1890		1854	
1881		1855	
1882			729,291
1883		1837	
1834		1858	
1895		1859	
1896		1960	738,382
1887		1861	94,292
1808		1862	180,887
1839	85,666	1863	855,495
1840		1864	
1841		1865	
1849		1866	
1948	14,460	1867	
1844	44,608	1868	1,001,777
1845	52,794	1869	1,009,783
1846		1870	
1847			
YEAR.	Faper.	Manufactures of Paper.	Total Values,
1873		\$1,008,857	\$1,619,969
1873		1,080,612	1,181,808
1874		1,228,688	1,619,969
875		1,110,798	1,319,242
1876		1,075,698	1,280,121
1977		1,080,612	1,190,108
1878		1,811,188	1,446,525
1879	and workson	1,058,768	1,186,382
		intinued.]	4,100,000

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Correspondence.

Holyoke Notes.

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., November 4, 1880. Well, the election is over, and people in this part of the country are pretty well satisfied. Above the pride or chagrin, caused by the partisan spirit, is the feeling of security which is occasioned by the decisive result. The excitement will soon die out, and the business of the country can proceed without fear of any more political interruption.

The Water Power Company has just pub-lished in a neat pamphlet, the results of the extensive turbine wheel tests which have been made at its flume during the past year. The book contains illustrations of the flume while various tests were in progress and cuts of a large number of the wheels. The tests were made, as far as the mechanical superintendence was concerned, by James Emerson, who had had much previous experience. But most of them were watched by Engineer T. G. Ellis, of Hartford, Conn., or by Engineer Samuel Webber, of Manchester, N. H., and some of them by both. Mr. Emerson's figures have been verified by the engineers. I understand that the book can be had by any one interested in the subject on application to the Water Power Company. The results include a mass of figures rather puzzling to the uninitiated, but interesting to the turbine builders and to manufacturers who use water power. It is right-fully remarked that the tests are only for the individual wheels on trial, and that they cannot be taken as conclusive evidence of what otherfspecimens of the same make would give. It is one of the curious facts about the business that no turbine maker can be sure of producing, two, wheels of uniform efficiency. One may give high results and another, made apparently just like it, may fail badly. The company ar-rives at the conclusion that the greatest advance has been made in the direction of efficiency between half and full gate; and this is where advance will be of most service, for very few privileges give a supply of water to be used with economy at full gate. The tendency is to save water, and so a wheel which is most efficient at partial gate is the best. The book gives also the results of some experiments with draft-tubes and with gears and belts, the latter being to determine the loss of power by transmission. The figures show a great proportionate loss with spur gears, and in the tests with draft-tubes the advantage is on the side of wheels placed at the bottom of the flume.

I met the other day the brother of E. J. Blackmer, the poor man who was killed at the explosion of the bleaching boiler at George Robertson & Son's paper mill at Hinsdale, N. H., last Friday. He had just come from the scene of the accident and said that the proprietors attributed the explosion to a defect in the construction of the boiler, although there was some suggestion of an accumulation of gas, such as sometimes causes the explosion of ordinary boilers. Mr. Blackmer's body was found out in the bed of the river, and one end of the boiler was carried across the river. The main building was also blown to pieces and the roof of the machine-room torn off. A large piece of iron was hurled against one of the heating boilers, which was thrown entirely from its setting; but if this had not been in the way the huge missile would probably have entered the office, where young Mr. Robertson was seated. Four employees, named James Barry, William Royce, Edward Dorson and George Leland, were slightly injured. The loss is estimated at from \$15,000 to \$20,000, and as there is no insurance for this kind of an accident, it will be worse for Mr. Robertson than the fires which he has before suffered from. Still, preparations have already been begun for rebuilding the mill. The Mr. Blackmer with whom I conversed is an old paper maker, and he said he had never but once before heard of a bleach exploding. There is not generally enough steam in them to force them open; but this accident will make mill-owners more, cautions

The postal-card agency finds business increasing rapidly. The shipments of last month amounted to 40,948,000 one cent cards, and 16,000 internationals. The largest previous month was January of this year, when 36,488.-500 were sent, and the number in October, 1879, was 35,310,000. This shows that the business of the country is growing very fast.

The water is still abundant in the river, as we have had another good rain. All of the paper mills are on the jnmp now, making every pound of paper possible to catch up with their orders.



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If the river continues as at present, or gets fuller, as it no doubt will, the mills will push production all winter without much fear of crowding the market, always having the possibility of another dry season. The prices have not changed in fine papers, and the engine-sized generally retain the same list, although I have heard that good book paper has been forced up a cent a pound. If the summer's production had not been limited by low water the schedule of prices would not probably have been maintain ed.

Of course, the new stir among the mills makes the stock dealers happy. Their sales have been pretty light for the past two months, the manufacturers not wanting to fill up till they were assured of a steady run for the winter. But

assured of a steady run for the winter. But now the drought seems to be really broken and there is not much excuse for refusing to buy. Jules Lugust and A. Seguin, French paper makers, have been visiting the city this week and inspecting the mills and their peculiar fea-tures. H.

Robert McCann has again connected himself with Owen Keenan's Son, by whom he was for-merly employed for a number of years.

Owing to the uncertainty of water-power at Loudville, Northampton, Mass., a steam engine has been set up at Loud's paper mill.



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DALAND, WILLJAM S.,	194 Water st., N. Y.
GEORGE W. TILTON, E all kinds.	agging and Paper Stock of 7 & 99 Water Street, N. Y.
MOSES & COHEN, 105 W paid to buyers' interests	Vater st. Special attention in purchasing and shipping.
TUCKERMAN, G.,	73 Beaver st., N. Y.
Machin	ery Oils.
Martin and a state of the state	

NEW YORK LUBRICATING CO., 126 Maiden lane. Lubricating Oils and Compound for Paper Mills.

Note Broker.

Paper and Paper-Makers' Supplies. BARRETT, THOMAS 85 Centre st., N. Y. BENEDICT & HIGHET, 118 William st. BUTLER & JOHNSON, Dealers in Paper, 44 Beek- 11 Cuff st., N. Y. 12 Cuff st., N. Y. 13 BUTLER & JOHNSON, Dealers in Paper, 44 Beek- 14 Cuff st., N. Y. 15 FLEMING, MILLER & USSING, 71 John st., N. Y. 14 IARD, MELVIN & SON, 25 Beekman st. IEWITT, C. B., & BRO., 48 Beekman st. IOWE & DIECKMANN, No. 80 Walker st., N. Y. 14 IUBBS & LAME, 36 Beekman st., N. Y.	DICKINSON & Stock, DORAN, A., Who Stock, ERIE CITY RAG B. FELSENTHAL en & Cotton Rag
ARRETT, THOMAS 85 Centre st., N. Y. JENEDICT & HIGHET, 118 William st. DITLER & JOHNSON, Dealers in Paper, 44 Beek- man street, N. Y. LY, EUGENE & SON, Dealers in Paper Stock, 85 Cuff st., N. Y. LARD, MELVIN & SON, 25 Beekman st. HARD, MELVIN & SON, 25 Beekman st. HOWE & DIECKMANN, No. 80 Walker st., N. Y. HUBBS & LAME, 36 Beekman st., N. Y.	Stock, ERIE CITY RAG B. FELSENTHAL
EENEDICT & HIGHET. 118 William st. SUTLER & JOHNSON, Dealers in Paper, 44 Beek- man street, N. Y. 11 SLY, EUGENE & SON, Dealers in Paper Stock, 85 12 Cliff st., N. Y. 13 FLEMING, MILLER & USSING, 71 John st., N. Y. 14 IARD, MELVIN & SON, 25 25 EWITT, C. B., & BRO., 48 48 IOWE & DIECKMANN, No. 80 36 Beekman st., N. Y. 36	B. FELSENTHAL
BENEDICT & HIGHET, 118 William st. BUTLER & JOHNSON, Dealers in Paper, 44 Beek- man street, N. Y. 11 CLY, EUGENE & SON, Dealers in Paper Stock, 65 12 Cliff st., N. Y. 12 TLEMING, MILLER & USSING, 71 John st., N. Y. 14 HARD, MELVIN & SON, 25 Beekman st. IEWITT, C. B., & BRO., 48 Beekman st., HOWE & DIECKMANN, No. 80 Walker st., N. Y. IUBBS & LAME, 36 Beekman st., N. Y.	B. FELSENTHAL
TILEM & JORN, D. M. C. M. Donielis in Tappi, W. Dou man street, N. Y. LLY, EUGENE & SON, Dealers in Paper Stock, 85 Cliff St., N. Y. TLEMING, MILLER & USSING, 71 John st., N. Y. HARD, MELVIN & SON, 25 Beekman st. IEWITT, C. B., & BRO., 48 Beekman st. GOWE & DIECKMANN, No. 80 Walker st., N. Y. TUBBS & LAME, 36 Beekman st., N. Y.	
Cliff st., N. Y. PLEMING, MILLER & USSING, 71 John st., N. Y. HARD, MELVIN & SON, 25 Beekman st. IEWITT, C. B., & BRO., 48 Beekman st. HOWE & DIECKMANN, No. 80 Walker st., N. Y. IUBBS & LAMB, 36 Beekman st., N. Y.	
IARD, MELVIN & SON, 25 Beekman st. IEWITT, C. B., & BRO., 48 Beekman st. IOWE & DIECKMANN, No. 80 Walker st., N. Y. IUBBS & LAME, 36 Beekman st., N. Y.	FOLLANSBEE, 7 Chicago, Ill. F
IEWITT, C. B., & BRO., 48 Beekman st., 100WE & DIECKMANN, No. 80 Walker st., N. Y. 1UBBS & LAME, 36 Beekman st., N. Y.	FRANZEN & CO., Cotton and Woo
IEWITT, C. B., & BRO., 48 Beekman st, HOWE & DIECKMANN, No. 80 Walker st., N. Y. UBBS & LAMB, 36 Beekman st., N. Y.	HEBERT, WM., &
IUBBS & LAMB, 36 Beekman st., N. Y.	terials.
	BRAHAM PAPER Dealers. 2
HULBERT, H. C., & CO., 23 Beekman st.	HARRIS, M. & B. Ill. Branch Hot
TURPHY. JOHN J., 47 John and 5 Dutch sts.	HARRISON, JAS.
ERKINS & GOODWIN. 84 Duane st.	Makers' Material
	LANEY, JAMES, Stock, Cotton a
	LOEWENTHAL

Paper-Makers.

HAND & ELSWORTH, White and Colored Tissue and Copying Paper, at Peekskill, N. Y. Paper Ware-house and office, 51 Beekman st., N. Y. ORRS & CO., Printing and Hanging Mills at Troy, Office, 39 Park Row, New York.

Paper-Makers' Chem	icals and Colors.
HELLER & MERZ, Ultramas	rine, 55 Maiden lane, N.Y
RIKER, J. L. & D. S.,	45 Cedar s
SERGEANT BROS.,	78 William st., N. Y

Printed Wrapping Paper.

NUGENT & STEVES. Also Paper Bags and Boxes 538 and 540 Pearl st., N. Y

ATTERBURY BROS.,	253 & 255 Front st.
BRIGGS, R. B.,	12 Reade at
BUCHANAN, M. T.,	279 Front st
COHN, LAZARUS & CO,	253 Pearl st., N. Y
CORRIGAN, PATRICK,	700 Second ave., N. Y
DALY, DANIEL,	366 Water st., N. Y
DAMERY, JAMES,	251 & 259 Front st., N. Y
EVANS. T. J., N. W. Corne sts., N. Y.	r Frankfort and William
FITZGERALD, JAMES M., per Stock, 18	& CO., Paper and Pa 7 South Fifth ave., N. Y.
GILDEA, PATRICK.	445 and 447 West 13th st
HARLEY, GEORGE, 362,	865 & 867 Third st., N. Y
KEENAN'S, OWEN, SON,	Established 1840. 448 Pearl st., N. Y
KENDALL BROS. & GODI 66 Joh	ARD, n st., cor. William, N. Y
LIBMANN, JOSEPH, & CO.	, New Rags a Specialty. 3 Howard st., N. Y.
LYON, J. W., & CO.,	85 Park st
MAHARIN, M. A., Metals,	518 Washington st
McQUADE, ARTHUR J., For and Cotton Rags, 5	reign & Domestic Wooler 25 & 537 E. 13th st., N. Y.
O'MEARA, M.,	27 Centre st
PFLUGNER, J. C., Cotton and 406 West Forty-first st	
RING, M. A., & SONS, (413 . North Front st., Philadelph	Atlantic ave., Boston, 13 hia), 534 Pearl st., N. Y.
SAVAGE, JAMES, 386 &	2 388 Seventh ave., N. Y.
SERGEANT BROS.,	78 William st., N. Y.
SMITH, JAMES F., Jute W	aste, Bagging and Rope 36 Peck slip, N. Y.
SMITH, THOMAS,	30 Hester st
TAYLOE, M. A., Paper and	Paper Stock, 396 Broome st., N. Y.
TANTOD P W Dashen	of the colebrated Brand

	ecthed.		Mason, J. W., & Co 305	
A - Olin - Chalann	0.1		Middleton & Co	
		\$4,001	Munzinger & Pitzippio 50 200	
Aluminous Cake	104	544	Parker, S. W 500 124	-LIMITED-
	169 8.416	8,942 82,418	Recknagel & Co	OFFICE: WORKS:
		988		57. 000 M (1 M 1 M)
		\$1,087	Stratford, G 98	
Soda, Sal	_	-	Taylor, J. L	
Ultramarine		-		
Books	255	85,518	White, Jas. F., & Co 108	TRADE MARK.
Newspapers	-	2,881		MINERS AND MANUFACTURERS OF WHITE CHINA CLAY,
Engravings	86	18,962	Totals	Especially adapted to Paper Makers' use,
Ink	7	184	EXPORTS of Paper, Books, &c., from the Port of	W. H. MITCHELL. Agent for New York and New England States, 43 N. Front St., Philadelphia
	5			
		32,525	BOOKS, cases, to Dutch West Indies, 3; to Ham-	SMITH. WINCHESTER & CO.,
		5387	to United States of Colombia, 10.	South Windham, Conn.,
		48	PAPER, to Liverpool, 19 cs.; to London, 100 pkgs.;	- MANUFACTURERS OF
			to Canada, 2 cs.; to Britian West Indies, 2,310 rms.; to British Honduras, 325 rms.; to Havre, 2 cs.; to	DADED MACHINEDY
		28,101	Cuba, 15,000 rms., 100 pkgs.; to Porto Rico, 1,295	PAPER MACHINERY.
	1	9.078	TY-14-A Ok-to- of Oclomble Stenhon	CONSISTING OF
			STATIONERY, cases, to Dutch West Indies, 1; to	Fourdriner and Cylinder Machines. Washing and The Hatch Patent Stop Cutter, the only Cutter that
			London, 13; to British West Indies, 4; to British	
Waste	5	1,090		Patent Beating Engine, which has no rival for clear- ing the stock for fine papers. Chilled from and Paper Roll Super Calenders. Plate Calenders, Childe Stack Calenders, Rag Cutters, Hand and Power Cut- Rolls. Stevenson Water Wheels. Shafting and Mill
			8: to United States of Colombia, 45; to Cisplatine	Roll Super Calenders, Plate Calenders, Chilled Stack Calenders, Rag Cutters, Hand and Power Cut- Rolls. Stevenson Water Wheels. Shafting and Mill
	Alum Aluminous Cake. Bleaching Powders. Soda Aah. Soda, Bioarb. Soda, Bioarb. Soda, Caustic. Soda, Caustic. Soda, Gal Ultramarine. Books Newspapers. Engravings. Ink Lead Pencils. Paper Stationery. Slate Penoils. Clay. Jute Buits Jute Rejecte and Cuttlings. Paper Hangings. Paper Stock. Terra Alba.	Alum — Aluminous Cake. 104 Bleaching Powders. 169 Soda Aah. 3,416 Soda, Bicarb. 100 Soda, Caustic. 1,983 Soda, Gal. — Ultramarine. — Books 285 Newspapers. 42 Engravings. 34 Ink ? Lead Penclis. 5 Paper 17D Stationery	Alum — — Aluminous Cake. 104 544 Bleaching Powders. 169 8,942 Soda Aah. 3,416 82,418 Soda, Bicarb. 100 668 Soda, Caustic. 1,933 21,087 Soda, Gal — — Ultramarine. — — Books 255 35,513 Newspapers. 42 2,831 Engravings. 34 18,962 Ink ? 184 Lead Pencils. 5 1,167 Paper 179 22,525 Siteel Pens. — — Stationery	Aniline Colors 31 \$4,551 Middleton & Co

		-
Paper Makers' Chemicals and Colors.	TOTAL IMPORTS. General Merchandise, for the week of	an
BLANCHARD, J. HENRY, Chemicals and Wood Pulp, 6 Batterymarch st., Boston, Mass.	October 29	
MITCHELL, WM. H., 48 N. Front st., Philadelphia.	Paper, Paper Stock, &c For the year ended May 35, 1873 For the year ended May 22, 1874 For the year ended May 21, 1875	
Paper-Making Machinery.	For the year ended May 25, 1870	
CUSHMAN, DWIGHT, Hartford, Conn. Manufacturer of Flume and Scroll Turbine Wheels.	For the year ended May 23, 1879	
HOLYOKE STEAM BOILER WORKS, Manufacturer of Steam Boilers (B. F. MULLIN), Holyoke, Mass.	For the year ended May 21, 1880 For quarter ended Aug. 27, 1880 For the week ended Sep. 8, 1880	
SMITH, WINCHESTER & CO., South Windham, Ct.	For the week ended Sep. 10, 1880	
Paper Manufacturers.	For the week ended Sep. 94, 1880 For the week ended Oct. 1, 1880 For the week ended Oct. 8, 1880	
JERSEY CITY PAPER CO., White and Colored Tissue and Manilla Paper, 211 Wayne st., Jersey City, N.J.	For the week ended Oct. 15, 1880 For the week ended Oct. 22, 1880	
SCOTT PAPER CO. (Limited), 27 N. 6th st., Philadel- phia. Flour Sack, Building & other Manilia Papers.	IMPORTS of Rags and Paper Stock	-
	New York, since Jan. 1, 1880, fr ing Ports, showing quantities fr	01
Rags, Paper and Paper Stock. BURR BROS., Importers and Dealers,	- Prove F	a
BURR BROS., Importers and Dealers, 255 North Water st., Philadelphia, Pa.	Bales. B	tolal
BUTLER, THOMAS, Dealer in Paper Stock, Woolen Rags, &c., 349 Causeway st., Boston, Mass.	Almeria	
COCHRAN & YOUNG, Paper Mfrs. and Wholesale Dealers in Cotton & Woolen Rags, Erie, Pa.		8,9 11,9
DICKINSON & MAYO, Cotton Rags and Paper Stock, Springfield, Mass.	Amoy 4 Aspinwall	-
DORAN, A., Wholesale Dealer in Paper and Paper Stock, 6 & 8 Union st., Bridgeport, Conn.	Bermuda	6,0
ERIE CITY RAG WAREHOUSE, 13 East Fifth st., Erie, Pa.		2,
Loss and the second sec	Calcutta 2,800	1,
B. FELSENTHAL & BROS., Paper, Bags, Twine, Wool- en & Cotton Rags, 156-160 S. Desplaines st., Chicago.	Catania	1,
FOLLANSBEE, TYLER & CO., 124 & 126 Quincy st., Chicago, Ill. Refer to J. W. Butler Paper Co.	Copenhagen 370 Curacoa 1	-
FRANZEN & CO., Wholesale Dealers in Paper Stock, Cotton and Woolen Rags. Milwaukee, Wis.	Dantzig 422 Dundee	8,0
GILBERT, WM., & CO., Paper and Woolen Mfs' Ma- terials. 11 & 13 Market st., Chicago, Ill.		4.
	Guantanamo	
GRAHAM PAPER CO., Paper Warehouse and Stock Dealers, 217 & 219 No. Main st., St. Louis, Mo.	Hamburg 2,168	8,
HARRIS, M. & BROS., 403 & 405 Fifth ave., Chicago, Ill. Branch Houses : Dubuque, Ia.; Burlington, Ia.	Havre	2,6
HARRISON, JAS., Wholesale Dealer in Paper, Paper- Makers' Material, Cot. & Woolen Rags, Pittsburg, Pa.	Hiogo	-
LANEY, JAMES, & CO., Dealer in Paper and Paper Stock, Cotton and Woolen Rags, Rochester, N.Y.	Jamaica 54	
LOEWENTHAL BROS., Woolen Rags, Paper Stock,	Libau 1,007	1,
10 & 12 No. Canal st., Chicago. LOEWENTHAL, B., Dealer in Paper Stock and		7,6
LOEWENTHAL, B., Dealer in Faper Stock and Woolen Rags, 51 W. Lake st., Chicago, Ill MCARDLE & HART. Cotton & Woolen Rags and Pa-	Leghorn	-
McARDLE & HART. Cotton & Woolen Rags and Pa- per Stock. 290 & 291 West st., N.Y., & Newburg, N.Y.	Marseilles	
MARKLE, C. P. & SONS, Mfs. of Printing and Glazed Hardware. 126 Second av., Fittsburg, Pa.	Middleboro	:
MAYER, A. B., Rags and Paper Stock Dealer, 1014, 1020 & 1022 N. Tweifth st., St. Louis, Mo.	Naples 2,292	
McKEON, P. & J., Dealers in Woolen & Cotton Rags, &c. 205 and 207 North Second st., Brooklyn, E. D.		9,0
MOERS, E. M., Dealer in Old & New Metals, all kinds of Wool & Paper Stock, 20 E. 2d st., Cincinnati, O.	Newport	-
NATIONAL PAPER CO., Holyoke, Mass. Dealers in Paper and Paper Stock. Storage Warehouse.	Oporto 187 Para 11	-
RICHMOND & CO., F. H., Paper and Paper Stock Warehouse. Cotton Waste Dealers, Providence, R. I.	Pillau	9,1
SNIDERS, LOUIS' SONS, Manufacturers and Whole- sale Paper Dealers, 121 Walnut St., Cincinnati, O.	Port Elizabeth 14	-
And the second s	Porto Rico	1
WINKLER, ISAAC, & BRO., Wholesale Dealers in Woolen Rags, Paper Stock, and Manufacturers' Supplies generally, 18 & 20 Main st., Cincinnati, O.	Singapore	1,0
ELLIOT. A. G., Paper & Paper Stock, 727 Chestnut and 736 Jaynests., Philadelphia.	Stockhoim	1
SIMMONS, JOHN, Wholesale Dealer in Paper and	Tunis	4
Rags, 20 & 22 Decatur st., Philadelphia.	Special List of Imports of Paper Port of New York for the	
WALSH, D. J., & CO., 6 South Front st., Philadelphia. All Kinds of Woolen Rags Bought for Cash.	October 31, 1880.	-
Screen Plate Manufacturers and Repairers.	Rage. Old Pr Bales. Bu	ap
ANNANDALE SCREEN PLATE CO., Repairing Old Plates a Specialty. P. O. Box 309, Paterson, N. J.	Bach Brothers	12
ASHMUN SCREEN PLATE CO., Old Plates renewed; charges moderate; P. O. Box 210, Paterson, N. J.	Brown, W. A., & Co 380	15
JUDSON, HOWARD, 127 & 129 R. R. ave., Newark, N. J. Screen Plates Renewed by the New Process.	Castle, H. M	1
Straw Boards and Straw Wrapping.	Cobb, A. A., & Co 139	-
BAUEB J. C. & CO., 127 N. 4th st., Philadelphia. Straw Boards, Colored Papers, &c. Lining a specialty.	Cohn, Lazarus & Co	74
TUCKER'S, E., SONS, Straw Boards, Paper, Twines, Paper-Box Mach'y, 160 Trumbull st., Hartford, Ct.	Davey, W. O., & Sons Downing, P. F	11
	Enright, T. H	17
FOREIGN HOUSES.	Fachiri, P. Y	1
Rags and Paper Stock.	Hagemeyer & Brunn	72
WALKER, J. R., Dealer in Paper Stock, Woolen Rags and Scrap Metals, 30 & 34 Foundling st., Montreal.	Heas. J., & Co	1 98
IMPORTATIONS OF PAPER STOCK.	Horwitz & Neustadt	18
PAPER, BOOKS, CHEMICALS, &o.	Keenan's Son, Owen — Kohlman, C 99	65
IMPORTS of Paper and Paper Materials, Books,		,01 86
Ac., at the Port of New York, for the week ended October 29, 1880. Quantity given in	Libmann, Jos., & Co — Lyon, J. W., & Co 28	171
packages when not otherwise specified.	Mason, J. W., & Co	8
	Middleton & Co	1
Aniline Colors 31 \$4,551	Muntell, F. T., & Son	1
Antine Colors 31 \$4,501	Muntell, F. T., & Son	31

-	T D I	2 0	OURNAL.
ORT	L		AGGREGATES AND VALUES.
	eek ended	15,785,699	addied and fallad,
8 15			Paper, reams 290,085 \$2,717
2, 10	778 774	12,150,850	Paper, pkgs 2,618 8,872
6, 18	375	18,292,891 11,298,408 9,627,694	Paper, cases
4. 18	377	10,246,413	Books, cases 194 7,406
1, 10	79 80	9,561,091 18,549,975	Rosin, bbls 2,866 9,852
8, 18	80	4,764,655 268,597	Stationery, cases
0, 18	80	280,088 814,300	
4, 16		218 781	Totals 25,811 \$08,787
0, 10	80	213,110 415,577 276,981	TOTAL EXPORTS.
	80	\$73,157	General Merchandise for the week anded
-	Stock at th	he Port of	Nov. 3, 1880
	io, from the		Paper, &c., for the year ended May 27, 1875. 2,889,482 Paper, &c., for the year ended May 26, 1874, 1,783,877 Paper, &c., for the year ended May 25, 1875, 2,327,682
		Manilla	Paper, &c., for the year ended May 23, 1876. 1,654,384 Paper, &c., for the year ended May 29, 1677. 1,790,669 Paper, &c., for the year ended May 28, 1878. 1,576,562
gs.	Paper Stock.	Stock.	Paper, &c., for the year ended May 28, 1878, 1,576,562 Paper. &c., for the year ended May 27, 1879, 1,889,788
68. 19	Bales. 981	Bales.	Paper, &c., for the year ended May 35, 1880, 2,016,545 Paper, &c., for quarter ended Aug. 35, 1880, 476,139
	47	-	Paper, &c., for the week ended Sep. 1, 1880. 39,212
84	8,979 91,864	1,078	Paper, &c., for the week ended Sep. 8, 1880. 82,651 Paper, &c., for the week ended Sep. 15, 1860. 39,414
4			Paper, &c., for the week ended Sep. 22, 1880, 49,011 Paper, &c., for the week ended Sep. 29, 1880, 46,984
80	55 49	-	Paper, &c., for the week ended Oct. 6, 1880. 41,298 Paper, &c., for the week ended Oct. 13, 1880. 54,785
09	6,066	186	Paper, &c., for the week ended Oct. 20, 1880, 30,091 Paper, &c., for the week ended Oct. 37, 1880, 29,005
90	2,790	113	
00	164 1,757		NEW YORK IMPORTS.
6	1,529	268	FROM OCTOBER 27 TO NOVEMBER 8, 1880.
26 70	963	-	· Paper Stock.
1			W. H. Parsons & Co., Bolivia, Glasgow, 16 bs. pa- per stock.
88	788		J. C. O'Brien, The Queen, London, 169 bs. paper
00	8,646 14,947	570 146	stock.
48	223	-	Cohn, Lazarus & Co., The Queen, Liverpool, 66 bs. paper stock.
22	26 14,746	157	W. H. Parsons & Co., by same, 39 bs. paper stock.
68	8,809		J. W. Mason & Co., Spain, Liverpool, 303 hs. paper stock.
20	2,090	-	P. Y. Fachiri, Carisbrooke Castle, Calcutta, 13
00	29 631	_	bs. paper stock. J. Colvin, J. Landler, Nassau, 5 bs. paper stock.
92		-	Cohn, Lazarus & Co., Gamma, Hull, 2 bs. paper
54 95	71 1,917	_	stock.
07	1,008		Les & Sturges, by same, 56 bs. paper stock. Bach Bros., Baltic, Liverpool, 136 bs. paper stock.
07 78	57,690 30,690	4,405 444	Owen Keenan's Son, State of Georgia, Glasgow,
80	933		118 bs. paper stock. W. H. Parsons & Co., by same, 21 bs. paper stock.
72		-	W. I. Clark, by same, 60 bs. paper stock.
_	12 10		W. I. Clark, Filadelphia, Leghorn, 110 bs. paper stock.
-	168		Munzinger & Pitzippio, by same, 200 bs. paper
19 82	81 1	_	stock.
33	90		Fabbri & Chauncey, by same, 175 bs. paper stock. H. M. Castle, by same, 200 bs. rags.
47	9,001	1,475	Fabbri & Chauncey, Egadi, Genoa, 4 bs. rags.
54	118	_	Jos. Libmann & Co., Braunschweig, Biemen, 114 bs. paper stock.
87	-	-	Cohn, Lazarus & Co., Otranto, Hull, 307 bs. paper
11 85	9,475	_	stock.
-	8	-	Henry Eggers, by same, 36 bs. paper stock. Geo. Watson, Jr., California, London, 154 bs. paper
14		-	stock. Paper.
49	701	_	May Bros., Amerique, Havre, 11 cs. cigarette.
11	70	-	E. Kimpton, by same, 4 cs.
	1,099 341		Avery, Penabert & Co., by same, 3 cs. W. H. Scheifflin & Co., by same, 5 cs.
19	180	-	E. Susarte, Newport, Havnna, 2 cs. cigarette.
-	461		P. Fannelly, Braunschweig, Bremen, 2 cs. colored
	aper Stoe		Henry Griffin & Son, Nederland, Antwerp, 3 cs. Keuffel & Esser, by same, 5 cs.
r 1	the mont	h ended	R. Neumann, by same, 5 cs.
	Id Danas	Manillas	C. Moller, Mosel, Bremen, 1 cs. H. Bainbridge & Co., by same, 12 cs.
les.	Nd Papers, Bales.	Bales.	G. A. Shasty, by same, 6 cs. hangings.
_	136	_	Kaufmann & Strauss, by same, 3cs. colored.
180			BOSTON IMPORTS.
-	128 71		
-	839	-	FROM OCTOBER 28 TO NOVEMBER 3, 1860, INCLUSIVE.
39	742		[NoteBy order of the Treasury Department at Washington the names of importers of merchandise
-	5	_	
-	158	-	SS
	66 26	_	
-	175		

at this port are withheld from the press. Parties wishing their names to appear in the reports of im-ports will please communicate with J. Henry Blanch-ard, No. 36 Batterymarch street.--ED.] Books. Books. Order, Massachusetts, Liverpool, 1 cs. C. Schoenhof, Samaria, Liverpool, 2 cs. Estes & Lauriat, by same, 3 cs. A. Williams & Co., by same, 1 cs. E. A. Snow, by same, 1 cs. Order, by same, 1 cs. Little, Brown & Co., by same, 2 cs. Order, by same, 1 cs. Order, by same, 1 cs. Order, by same, 1 cs. T. B. Noonan & Co.. by same, 2 cs. Order, by same, 1 cs. C. W. Hooper, Atlas, Liverpool, 1 cs. Stone & Downer, Victoria, Liverpool, 5 cs. Stone & Downer, Victoria, Liverpool, 5 cs. Paper, &c. Gay & Wolf, Atlas. Liverpool, 1 cs. Dennison Manufacturing Company, Samaria, Liv-erpool, 5 cs. tissue. C. Baid & Co., by same, 1 cs. manufactured. A. P. Schmidt, by same, 2 cs. music. Order, Parthia, Liverpool, 4 cs. manufactured. H. Partridge & Co., Lepanto, Hull, 82 cs. albums. Paner Steets Paper Stock. Order, Cova Leaf, Pubnico, 14 bs. paper stock. Haskins & Montague, Worcester, Halifax, 8 bs. paper stock. Capt. Anderson, Kedron, Granville, 2 pkgs. paper stock tock. C. A. Cheney, Austrian, Glasgow, 130 bs. rags. W. I. Clark, by same, 136 bs. rags. Train, Smith & Co., by same, 264 bs. paper stock. Dutton & Schenck, by same, 106 bs. paper stock. Warren & Co., Minsesota, Liverpool, 70 bs. paper stock. tock. Train, Smith & Co., by same 94 bs. paper stock. H. M. Knowles, by same, 145 bs. paper stock, 87 bs. rags. Dutton & Schenck, by same, 225 bs. paper stock. Dutton & Schenck, by same, 225 bs. paper stock. Order, by same, 37 bs. paper stock. Train, Smith & Co., by same, 220 bs. paper stock. Dutton & Schenck, by same, 200 bs. paper stock. Soda Ash. Warren & Co., Victoria, Liverpool, 70 cks. Warren & Co., Minnesota, Liverpool, 500 cks. Warren & Co., Brazdian, Liverpool, 500 cks. Dutton & Schenck Unrian Liverpool, 64 cks. Dutton & Schenck, Illyrian, Liverpool, 100 cks. E. & T. King & Co., Lepanto, Newcastle, 44 cks. Caustic Soda. Warren & Co., Minnesota, Liverpool, 198 drums. Warren & Co., Brazilian, Liverpool, 100 drums. Warren & Co., Brazinan, Liverpool, 100 druma Bleaching Powder.
 Warren & Co., Victoria, Liverpool, 291 cks.
 Warren & Co., Binnesota, Liverpool, 301 cks.
 Warren & Co., Brazilian, Liverpool, 301 cks.
 J. L. & D. S. Riker, Illyrian, Liverpool, 36 cks. Aluminous Cake. Rice, Kendall & Co., Lepanto, Hull, 19 cks. China Clay. H. M. Knowles, Peabody, Flymouth, England, 500 cks Venetian Red. May, Nash & Winslow, Lepanto, Hull, 300 bbls. C. L. Andrews, Austrian, Giasgow, 40 bbls. PHILADELPHIA IMPORTS. Rags. Isaac Hough & Co., San Raffaele, Constantinople, 274 bs. rags. J. W. Lyon & Co., Hannah Blanchard, Hamburg, 219 bs. rags. Soda Ash. Brown Bros. & Co., Lord Gough, Liverpool, 85 cks. Order, by same, 64 tcs. Caustic Soda. Cooper, Smith & Co., Lord Gough, Liverpool, 95 Order, by same, 285 drums, 38 pkgs.

BALTIMORE IMPORTS.

Soda Ash. Order, Nova Scotian. Liverpool, 123 pkgs.



JOURNAL. THE PAPER TRADE

aper arade journal. he PROLUCIVELY TO THE INTER The American Paper Trade. Weekly, \$4.00 per annum. - - • 10 Cents Single Copies,

458

NEW YORK : SATURDAY, NOV. 6, 1880.

Advertisements cannot be received for insertion in the current week later than 9 A. M. on Friday. The charge for advertising is 25 cents a line, each inser-Special terms for standing and displayed ad wortisements to be had on application. Card in Directory Column and one copy of paper, \$10 a year. THE PAPER TRADE JOURNAL is the recognized organ various Paper-Makers' Associations of the

United States. THE JOURNAL contains the latest and fullest in on relative to the paper trade in all parts of the world, including descriptions of new appliances and rocesses for making paper, experiments with new fibres and other materials, a record of the water tions of new appliances and with the latest manufacturing news in all parts of the country. It gives the cream of all the foreign technical journals which relate to the paper interest, besides communications from compet

ns in the trade, both at home and abroad. The market review and quotations show the state of trade in all the principal cities, and no pains have been spared to make these accurate and complete. Subscription and postage for Great Britain, per annum...... £

Subscription and postage for France. 25 france

Foreign subscribers may address our New York office.

Communications on matters of interest to the trade are carnessly solicited from all quarters, and if used will be liberally paid for. Items of news, and facts of all kinds in relation to the state of the mills, &c., will be gladly received.

All communications must be addressed to HOWARD LOCKWOOD, Publisher and Proprietor, No. 74 Duane street, N. Y.

BRANCH OFFICES.

Eastern Office : J. F. RIDAY, General Manager. 36 & 38 BROMFIELD STREET (Wesleyan Building), Bos TON MARS.

Philadelphia Office : J. VIENNOT, General Man ger, 407 WALNUT STREET

Western Office: P. G. MONROE, General Manager. S LARESIDE BUILDING, CHICAGO, ILL.

BODREON ORNER AT ACCRETE

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W. F. Catcheside
Upton & CoAuckland, New Zealand. R.T. Wheeler. Dunedin, New Zealand W. Smelling. Brisbane, Queensiand A. G. Webster. Hobart Town, Tasmanla. Knight & CoNewchwang, China. Kelly & Walah. Shanghal, China. Kelly & Co
Bedro Obregon. La Guafra, Venezuela. Imp, de "El Ferrocarril "Montevideo. Uruguay. Bethencourd Co hijos Curaçoa, W I Denas Bartlett, Jr. & Co. St. Pierro, Martinique, W.I. J. O. Ryden. Tamatave, Madagascar. I. J. Cohen de Liesa. Port Louis. Mauritina. Joaquin G. Castilla. Tampico. Mexico. Burban, Natal. Burban, Natal. John G. Clark Hands. Vingston, Canada. Toronto, Canada.

TO CORRESPONDENTS.

As THE PAPER TRADE JOURNAL is the recogni whicle of communication in matters of trade in-terest, we will be glad to receive correspondence from all parts of the country. Information and sugges-tion upon paper-making topics are especially valu-able, and manufacturing news and personal items are equally acceptable.

Subscribers to THE JOURNAL can be supplied with ket. Deliverable the best cloth binder in the marke the publication office. Price, \$1.25.

Readers of this paper who avail themselves of the information obtained from its columns, by advertise ment or otherwise, are requested to notify their cor respondents of the source of their information.

WHAT with past rains and storms now upon us the fear of too little water during the winter is likely to be dispelled. Reports from Holyoke indicate a full supply in the Connecticut, which has been replenished quite liberally during the past fortnight.

eign competition in their own markets. Truth is, our cousins are dreadfully afraid that they shall be thought inconsistent in terms, if not in action, by declaring for protection out and out. It is not less plain, however, that there is a larger and growing opinion in Great Britain favorable to the renunciation of free trade ideas English manufacturers might just as well stop paying their subscriptions for the publication of pamphlets and free trade arguments to be circulated in this country

They have given the greatest help to free trade apostles in this country, but, in the light of very recent events, they ought to realize that we will have none of it.

PROFESSOR EXNER, commenting in the Wochenblatt on the paper exhibit at the Austrian Exposition of 1880, attributes the success of Austrian paper makers in competing with the English, Dutch, and with the Germans despite the duty in Germany chiefly to the abundant water power in

Austria and the purity of the water in many localities. Besides he points to the abundance of rags, especially linen in the eastern provinces, which helps to cheapen the production. To this we might add, the low wages which are paid to the help, although we do not think that in this particular Austria has any advantage over Germany. The Austrian paper trade seems to be extending its markets and pushing its competition much to the discomfort of European rivals, and we really think that there must be some further explanation for this success than the abundance of

water power and rags. THE paper trade are to be congratulated upon some of the successes of the late elections. We say this without political thought or bias, but with reference only to the representative character and high standing of the gentlemen who have been chosen from the ranks of the paper manufacturers as members of Congress. Four representatives of the trade will take their seats in the next national legislature. Two of these William A. Russell, of Massachusetts, and Warner Miller, of New York, have worthily filled the station in the past, and the former has been returned by a majority twice as great as that which he received at his previous election. The other two, George West, of New York, and Emanuel Shultz, of Ohio, will take their seats for the first time, but with no less distinction as paper makers prominently identified with trade interests. Thus we see that, both in the consumption of paper and in their choice of representatives, the people display that measure of culture and intelligence which has brought the American paper manufacture to the front of the paper-making industry of the world. We congratulate our Con-

gressmen elect and their constituencies. special and general, upon their election. CLASS in paper making, stand up ! The trade would be surprised-perhaps amused -- if they heard such a command as that which prefaces these remarks, but it is now quite in the way of being the correct thing.

Technological classes have been started in To the Editor of The Journal: England, and among them is one for in-I see that the question of raising both ends of struction in paper manufacture. We are the engine roll is creating considerable discustold that the course of instruction will not

out by an interchange of knowledge and a discussion of paper making topics. Correspondents carry this idea into effect, although to a very limited extent; and the points and inquiries suggested and made through THE JOURNAL show how useful technological classes can be made.

PAPER STOCK IMPORTS.

The total imports of rags and paper stocks at the port of New York during the month ended October 31. as reported. were 16,555 bales, an increase over the corre sponding month of last year of 2,835 bales. and an increase compared with October, 1878, of 5,743 bales. There was a decrease from last year in rags of 5.078 bales. Ma-

nilla stocks show a decrease of 2,633 bales, and old papers an increase of 10.546 bales The total figures in each class of stock during the month of October for the years 1880, 1879 and 1878, are as follows :

1880. 1879. Rags..... 1,868 Old papers.....14,687 4.141 2,633 Manilla stocks Totals......16,555 13,720

The arrivals from the different ports were as follows: London, 28 bales rags, 5,682 bales old papers; Liverpool, 175 bales rags, 1,809 bales old papers; Hull, 513 bales old papers; Bremen, 34 bales old papers: Antwerp, 828 bales old papers; Glasgow, 1,473 bales old papers; Hamburg, 722 bales old papers; Leghorn, 485 bales old papers; Nassau, 15 bales old papers: Cardiff, 66 bales old papers; Copenhagen, 408 bales old papers; Newcastle, 672 bales old papers; Rotterdam, 149 bales rags, 162 bales old papers; Calcutta, 1,516 bales rags, 200 bales old papers; Naples, 1 bale old papers: Alexandria, 981 bales old papers; Amsterdam, 281 bales old papers: Bermuda, 41 bales old papers: Bristol, 63 bales old papers, and Dundee, 251 bales old papers.

Communications.

[Communications are solicited from everyone who has anything of value or interest to impart. Items of news, trade gossip, and personal information will be gladly received. Correspondents are requested to write only on one side of the paper. No responsibility for the opinions of correspondents attaches to this paper. Communications must be sent to reach flice by Wednesday night or Thursday morn ing, of each week, to insure insertion.]

Again the Engine Roll.

To the Editor of The Journal:

As every one appears to have a different idea about raising and lowering the engine roll and as every one seems to be in the belief that his plan is best, I will now, Mr. Editor, with your permission, give my view of the matter. My idea would be to have a shaft of the same length or perhaps a little longer than the shaft of the engine roll, and on the shaft to have two cams or eccentrics, one placed under each of the engine roll bearings, and on the extreme end of the shaft to have a stout pinion, say 30 inches in diameter, where a small wheel or screw could operate. This plan would be simple and efficient. It would not interfere in any way with stone abutments further than drilling a hole for the shaft to go through, and in my opinion would cost less money than any other plan heretofore suggested. I will, however, in the meantime, eave the merits and demerits of it with your readers to decide. GARTSHERRIE.

A Question of Origin.

LEWISVILLE, Chester County, Pa.,

Z. A. Hubley, of the firm of Hubley Brothers rag dealers, Utica, N. Y., has made an assign ment

sion in your valuable paper; and it is strange

not suit in mills where a bushel or two of old is emptied down with every engine The best plan I have yet seen for running paper near the weight is, to have two chests, both connected at the bottom, one to be used for emptying into and the other for supplying the The supply chest, sitting a little machine. lower than the one in which the pulp is emptied, gives an opportunity when changing stock or color, to work the stuff out clean before washing Paper made from chests placed as above stated, varies little in weight, and this item alone will in a short time pay for the extra chest and a fraction over. SUCTION BOX

A Point in American Invention.

TROY, N. Y., November 3, 1880

To the Editor of The Journal: We notice that it is stated in an article in our JOURNAL of October 30, on the manufact ure of paper hangings, that in 1884 a man by the name of Zuber exhibited in Paris a machine for printing the patterns on paper hangings. This work had previously been done solely by hand work, and that the Frenchman's ingenuity revolutionized this industry. This may have been the case in France. But, for the information of the paper trade, we wish to state that the first machine for grounding, polishing and printing paper hangings by revolving brushes, cylinders and use of roll paper, were made at Troy, N Y., in the year 1829, by William Orr, the senior member of the present firm of Orrs & Co., which now manufactures print and hanging paper ex-tensively at its Troy paper mills. William Orr tensively at its Troy paper mills. was formerly engaged largely in the manufacture of paper hangings, and the printing ma chines were used in the manufactory of A. & W. Orr. at Troy, exclusively for a number of years, and afterwards were used by other man ufacturers of paper hangings in an altered and improved form.

William Orr is now one of the oldest paper manufacturers in the United States, having been engaged in the trade more than fifty years. The first hanging paper made in rolls we think was made at Bennington, Vt., in A. & W. Orr's pa per mill, about the year 1834. Before this time hanging paper was made in sheets and sized in a tub, and afterwards pasted together and printed by hand with blocks, on which the pat terns were cut. Thus it will be seen that this valuable printing machine, now so extensively employed has been altered and improved and as now used in various forms, not only for print ing paper hangings, but also for newspapers and books, is, in fact, an American invention, made and adopted first at Troy, N. Y. ORRS & CO. Yours truly.

Changes, Removals and New Firms, Emma Dickey, stationer, Kittanning, Pa., has

- sold out. F. K. Merritt, publisher of the Reveille, New ark, Cai., has sold out.
- Lavat & Murrin, printers, St. Louis, Mo. have dissolved partnership.
- Thomas L. Thompson, publisher of the Dem crat, Santa Rosa, Cal., has sold out.
- L. Hirsch & Co., publisher of the Sonntagast lumbus, Ohio, have dissolved partnership.
- Taylor & Co., publishers of the Alleghanian Cumberland, Md., have dissolved partnership. The style of Leadley & Howard, publishers West Point, Iowa, has been changed to Weber &
- Howard. M. A. O'Keefe has purchased the interest heretofore held by John D. O'Keefe, in the estate of E. O'Keefe, printer, of this city, and will continue the business under the style of E O'Keefe

John H. Hall will retire from the firm of Campbell, Hall & Co., paper manufacturers and dealers, this city, on January 1 next. He has disposed of all his large interest in the several paper mills owned and operated by the firm, and a change will also be made in the firm name at that time.

The copartnership between Wm. W. Candee and George P. Wells, paper manufacturers, at Manlius, N. Y., under the style of Candee & Wells, has been dissolved, Mr. Candee retiring. George P. Wells will continue the business, as suming the liabilities of the late firm and collecting its accounts.

Failures.

The establishment of Brown & Foster, book d stationers

existing mortgage; D. s., bill of sale; and re	BBI,
ortgage on real estate.]	
NEW YORK CITY.	
Mortgagor. Amou	
Worden	
	300
erez	675
C. Owens (R)	800
. Schinck	500
A. Sherwood	600
EASTERN STATES.	
Collins, Boston, Mass	800
rett Brothers, Manchester, N. H	945
WESTERN STATES.	
iel H. Dean, Princeton, Ill	375
I E. Werner, Akron, O	350
ry C. Parkinson, Braidwood, Ill. (Real)	400
Bickford, Marseilles, Ill	.000
ker, Smith & Owens, St. Louis, Mo	714
	400
SOUTHERN STATES.	
2. Stewart, Jr., Covington, Ky. (Real)	300
A. Lewis, Frankfort, Ky	200

Chattel Mortgages

[In the appended list R signifies a renewal of a

a m

H.

W

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R.

Fires.

A fire at the paper box factory of Allen & Boyden, Lynn, Mass., on October 28, caused a oss of about \$23,000; insurance, \$11,000.

A fire broke out on Thursday afternoon on the third floor of Molleson Brothers' paper ware. house, at 18 Beekman street, this city, and before it was extinguished the stock on the floor below was damaged by water to the extent of about \$250, which is covered by insurance. Gasfitters were at work at the time, and the fire is supposed to have originated through their care

BURNING OF THE THREE RIVERS PULP MILL.

About 3:20 A. M., on Tuesday morning, Ostoher 26, the mill of the Three Rivers Straw Pulp Company, at Three Rivers, Mich., caught fire and burned to the ground. The local paper gives the following account of the conflagration: The fire commenced in the straw room in the west end of the mills, and is supposed to have en caused by a spark from the big chimney, or by a spark carried from the straw cutter in the store room, and thrown into the straw room through the straw spout, and thus igniting the dry straw in the main building. The fire was discovered almost immediately by the men working in the same room, who got a stream of water playing upon the blaze from a Holly pump that was in the building within a very few minutes after the fire was discovered. The alarm spread to the Rozet paper mills adjoining on the east, and the engineer blew the whistle for the fire alarm. The Holly works did most efficient service in keeping the fire from spreading fast, and after the place inside got so hot and smoky as to prevent anybody staying in there any longer, the men brought out the h and threw water through the windows into the inside, until the hose burned off. The burned very slow, owing to the floor being wet and there being so much wet pulp and other materials in the building; but when the fire got to the middle of the main building it burned intensely, and the wind, commencing to blow stronger, and being of a westerly course, drove it right through the whole length of the building. About this time the pulp boilers commenced to blow off steam and made a terrific The Lockport flouring mills, just west of the main building, would have been in great danger, and only the direction of the wind saved that from destruction. The straw barn north of the pulp mills caught fire a number of times, but was put out by a Babcock extinguisher and small hand force pumps and wet blankets. The greatest danger to any of the immediate property was to the Rozet paper mills building, which joined the pulp mill, only separated from it by a hollow fire wall. eighteen inches thick, that extended out in front and rear of the pulp mill, six feet each way, and was six feet higher than the peak of the mill roof. To this wall the Rozet paper mill owes

the salvation of its numerous buildings and property, worth about \$50,000. About a car load of pulp was saved and a very mall amount of the stock of chemicals. mill was equipped with three engines-one of 1,000 pounds capacity and two of 300 pounds ca-

pacity each, one 50-horse power engine, two wet

machines, three straw digesters, three ash mixers, one bleach mixer, and two steam boilers The brick walls of the engine-room and the big chimney are still standing, and the wall is probably good enough to build upon, and no doubt the chimney is all right. The pulp con pany is an incorporated stock company, and its cers are as follows: J. W. French, president; B C. W. Millard, secretary: N. H. Brokaw, superintendent. The following is a list of the direct ors and the stock they own:

6.946

1878

8.201

2,562

5.049

10.812

AND now the mills are all hard at work running off paper. Orders have to be filled, and from all that we can learn there is a lively prospect ahead, for the winter at least. There may be reason, therefore, to expect a little more activity in the paper stock market, which has acquired a some what more cheerful tone this week. With the rain the stock dealers' hopes rise, but with a drought their tears fall. So, whatever the condition of the weather, we are sure to have water from one source or another.

about paper, from the first introduction of "COUNTERVAILING duties" is the euphuistic term given in England to protective stock into the mill until it goes out of the door to be shipped to its market. Our colduties, now that the disciples of free trade are looking about for means to oppose for- umns show how much might be brought

only embody a thorough explanation of the subject, but will be helped by experimental illustration, and that applied chemistry will be taught so far as it affects the various chemical processes in the manufacture of paper. This is a very good feature: but, aside from the instructors' outline of work, we think that it would be very desirable for the scholars who may be practical paper makers to be given the opportunity for discussing the manufacture of paper and for instituting a mutual investigation of personal experiences, ideas and principles gained from daily intercourse with paper making processes. Holyoke is a good place to start such a class in, and we think that the paper makers there ought to form a class or club and learn and impart all that can be had or that they know

that there should be so little known about the devices for raising the roll when they are in use in over half a dozen of the different States Cannot the Messra, Crane, Hulbert, Sheffleld, and others, who are using them, give the many readers of your paper the facts as to the working value of them ? Where the idea was taken from amounts to but little if it can be brought into practical use. Some one claims that it was taken from a mill near Castleton, N. Y., where engines, gotten up on similar principles, have worked for several years. The patentee, certainly, did not get the idea from Edinburgh "A. L." Scotland, as your correspondent in BERKSHIRE timates.

Keeping the Weight Uniform.

To the Editor of The Journal:

Reading in THE JOURNAL about stuff pumps reminds me of asking a question which I think some of your correspondents can answer. Has any one thought of, or tried, a fan pump for raising the pulp from the chest to the machine If so, would he be kind enough to give his experience ? It seems to me it would be much best way; and, as the pump would require to be very small, it would not take a great deal of power to drive it. This idea is intended only for ne mills, as the writer is aware that it would

closed by the sheriff.

Z. A. Hubley & Co., dealers in rags, Worces ter, Mass., are reported failed. The cause of their failure is assigned to the fact that they were creditors of L. A. Murdock, to the amoun of some \$9,000.

L. A. Murdock, shoddy, Worcester, Mass., is reported failed and offering his creditors 25 ce on the dollar. His liabilities are placed at about \$40,000.

In Town.

T. C. Bradbury, Mill River, Mass.; L. C. Woodruff, Buffalo, N. Y.; Geo. W. Russell, Lawrence, Mass.; Geo. W. Wheelwright, Boston, Mass.; T. A. Mole, South Adams, Mass.; T. O. Hurlbut, South Lee, Mass.; S. A. Parks, Glens Falls, N. Y.; Russell Jarvis, Claremont, N. H.; Rodney Wallace, Fitchburg, Mass.

New Patents.

REISSUES.

 No. 9,428. Paper-Bag Machine.—Almon B. Glover, Birmingham, Conn., assignor, by meane assign-monts, to the Eastern Paper Bag Company. Original No., 900,654, dated February 25, 1878.
 No. 9,439. Paper Perforating Machine.—Roswell T. Smith, Nashua, N. H. Original No., 189, 144, dated April 3, 1877. April 8, 1877.

J. W. French Mfg.	. Co., 7	hree	R	T	ÐĽ	8							20,000
J. W. French, Thr	ee Riv	ers											10,000
Chas. M. Smith, C W. S. Millard, Nile	hicago						•	•	• •		• •		10,000
Chas. W. Millard,	Three	River	a."	**	**	*	• •	*	1.4	-	1		. 20,000
Wm. Brokaw,	63	94											5,000
N. H. Brokaw	66	65										 	5,000

The buildings were built and rebuilt in 1875, and were of the following sizes: 30x90, 2 stories high; 30x40, 314 stories high; 94x40, 2 stories high; brick engine and boiler house, 20x28, 1 story high. The loss is estimated as follows: buildings, \$14,000; machinery, \$30,000; stock, \$2,000, and was insured for \$12,500 in the following named companies:

Western Manufacturers' Mutual,	Chicago \$5,000
Newark, of Newark, N. J.	
Traders of Chicago	1.000
New Orleans, of New Orleans	
Shawmut, of Boston	
Atlas, of Cincinnati	.1,500

More insurance had been promised the firm, but it is not known exactly whether it was placed of not. The mill employed generally between twenty and twenty-five hands, ran night and day, and turned out about \$85,000 worth pulp per year. The company has not yet docided whether it will rebuild or not.

THE PAPER TRADE J

Explosions.

George Robertson & Son's large paper mill. Hinsdale, N. H., was blown up on October 29, killing E. J. Blackmer and seriously injuring four other operatives. The explosion occurred in the bleach room, and was caused by too heavy pressure of steam upon one of the large cylinders used for bleaching the rags. One end of this cylinder was carried across the river some 70 feet by the force of the explosion. The main building was almost entirely blown to ieces, while the roof on the adjoining machine building was torn off, and an L in which the cutting and finishing was done, was also considerably damaged. One of the large boilers was torn from its foundation, and the shock was felt all over the little village. Blackmer's body was found near the river, showing that he was either blown through or completely over the building. He leaves a large family. The injury to the mill is estimated at \$10,000 to \$25,000. The firm will rebuild, using only one machine.

Manufacturing News.

EASTERN STATES

The Russell Paper Company, Lawrence, Mass. will put in a large Lawrence engine, manufac-tured by Armington & Sons. This is its third order for this style of high-speed engines.

The Monadnock Paper Company, Bennington, N. H., has reset two boilers with the Jarvis furnace to burn wood.

The West Claremont Paper Company, West Claremont, N. H., has set a new steel boiler with

the Jarvis furnace to burn wood. Gas was last week introduced into the Housa

tonic and Eagle mills, Lee, Mass. The excavation for the wheel-pit and raceway

of the Dudley & Syms Paper Company has been completed several weeks in advance of the specified time. The workmen are now ready to go on with the wood and stone work.

The Bridge Mill Paper Company, Pawtucket, R. I., is building an addition to its mill, extending the same over the waters of the Blackstone River. The extension is supported upon iron piles, which do not present an obstruction to the flow of water, as was the case with the granite foundation laid during the past summ

The Glazed Paper Company, Holyoke, is have ing a small tower run up from the corner of its new building.

The Winona paper mill, Holyoke, turned off its first roll of paper on Saturday of last week.

MIDDLE STATES

Frank S. Peters' pulp mill at Cohoes, N. Y., was to have started up Monday of last week.

At Frank Gilbert's paper mill, Waterford, N. Y., extensive improvements are progressing. It is understood that a 100 horse-power engine will be placed in the new part, capable of driving the works when there may be a scarcity of water. The new edition will be several stories high, and is estimated to cost, with all improvements (including machinery), some \$5,000.

P. H. Gladfelter, Spring Forge, Pa., is applying the Jarvis furnace to six boilers and four soda ash reclaimers.

The rag engines at Louis Snider's Sons' new paper mill, Hamilton, Ohio, have started. It is said that a Santa Clara Company is about to build a paper mill at Watsonville, Cal.

printing paper from the sugar cane will soon be in operation at New Orleans.

John A. Dushane & Co., Baltimore, Md., have set boilers in two of their mills, the "Ivy" and "Woodbine," with the Jarvis furnace, and are using cheap fuels with them.

[Insertions under this heading will be charged 50 cents a line. Payment invariably in advance.]

authority of the kind, and is constantly consulted b the Trade in all parts of the country. Price, \$2.00.

No. 74 Duane Street, New York

irregular. A fairly active inquiry prevailed throughout most of the week, and prices were generally strong; the closing quotations, however, showed a general decline, ranging from 16 to % per cent., the tone of the dealings being

weaker. The Stock market was characterized by strength and activity early in the week, but towards the close, efforts were made to depress the market, by the circulation of rumors calculated to create a feeling of uneasiness, under which influence prices fell off %@8% per cent.

Railroad mortgages were in heavy demand, the dealings being well distributed throughout the list, and prices showed a material improve-ment. At the close the demand continued fair, but the market was irregular.

The Sterling Exchange market was weak, and although no change was made in the nominal asking quotations, business was done at conessions ranging from %@1%c. from the posted figures. Large orders from abroad for our securities are being filled, and will take the place of sterling remittances

The posted rates at the close were: Sterling, 60 days, actual, \$4.81%@4.81%; sterling, sight actual, \$4.83%@4.84; cable transfers, nominal, \$4.841/2@4.85; commercial sterling, prime, long, \$4.801/@4.80%; documentary sterling, 60 days, \$4.79%@4.80; Paris, bankers', 60 days, \$5.25@ 5.25%; do., sight, \$5.23%@5.23%; Antwerp. bankers', 60 days, \$5.25@5.25%; do., sight do., sight, 401/@40%, and Paris dispatches quote exchange on London at 25f. 281/c.

THE PAPER TRADE.-Business has been newhat broken into this week, Tuesday being a legal holiday on which wholesale trade was suspended. The election now being happily over, there is a restoration of confidence a the trade, and a feeling of certainty that business may be expected to go on much the same as before, only with a new impulse. The drought having been broken to some extent, it will enable mills that have had an accumulation of orders to fill them now more expeditiously. Notwithstanding there is an increase of water power, there are many manufacturers on the smaller streams who have been benefited very little, and who are apprehensive that winter may set in and leave them entirely helpless, so far as water power is concerned. As a general thing, manufacturers are fairly engaged on orders, and we hear little or no complaint of a lack of employment. In regard to prices, there are no signs of any early giving way, if we except an easier tendency in straw boards and straw wrappings, as previously mentioned, the prices of both of these grades being quite nominal. While there is a steady tone to the market generally, large buyers are not disposed to anticipate their wants for any considerable length of time ahead, preferring to buy with the market, an evidence that the market is not controlled at present in the slightest degree by any speculative feeling. The movement at the hands of dealers, though by no means active, is steady and fairly satisfactory, all things considered. Stocks of goods have tinued to decrease up to the present, and the

ek for Jute Butts, the sales being confin

get that the facilities for increasing the output FOREIGN RAGS AND PAPER STOCK.-The market is still very quiet, no transactions of note having occurred since our last, and, as a are largely ahead of what they were a year or Lockwood's Directory of the Paper Trade. so ago, and unless the demand keeps up or runs English Old Papers and Shaving ahead of what it now is, half-time may give us general thing, both buyers and sellers continue Hard Shavings, No. 1 Soft Shavings, No. 1 White and Colored Shavings, No. 1... White and Colored Shavings, No. 2... Cream Shavings 4940 too much coal to dispose of. There is no change LOCKWOOD'S DIRECTORY is the only STANDAR to hold off. Importers and dealers look forward to an increased movement in the course of the in the prices of coal for the line trade for delivery during the month of November. Cream Shavings. Paper-collar Cuttings. Ledgers, Briefs and Letters Supersuper and Pamphlets, extra next fortnight, now that most of the mills are The miners and shippers of Anthracite coal for the Western market have taken no action on prices enabled to run on full time again. Stocks of Address HOWARD LOCKWOOD, Publisher, Newspapers and Pamphlet Old Newspapers Broken News and Letters. medium grade Cottons and good Linens have become very much reduced in the past two for November, but will meet at Chicago on 2% Light Prints. Light Fustians. months, and, with any considerable improve Wednesday next to adjust rates." Quotations New Books, Old Blank B Old Printed 323 Light Fustians. Dark Fustians. Black Calicoes. Gunny Bagging, No. 1. Gunny Bagging, No. 2. Mixed Bagging. Rope Manilla. kope Manilla, tarred. ATTERBURY BROS. of Lehigh Coal at New York shipping points ment in the demand, a corresponding apprecia Packers of Rags and Paper Stock, 2% 1% tion in prices will most likely take place The are: Lump, \$5.25; Egg, \$4.40; Stove, \$4.45, and 214 134 stnut, \$4. Lackawanna is \$4 for Lump, 253 & 255 Front St., New York City. Ch imports of late have been very light, and have Hamburg Rags, &c. nsisted chiefly of Old Papers. The aggregat \$4.20 for Egg. \$4.45 for Stove, and \$4.10 for THOS. SMITH. LINENS. 27/6 Bituminous coal ranges from \$3.75 Chestnut. 53400 5 00 43600 83400 imports of paper stock here for the week foot Cuttings. 5554 Wholesale Dealer in Cotton and Woolen Rags. Office, 20 Hester st., and Warehouse, 75 Pike st., N.Y. Jute Ropes..... Jute Threads.... embracing 204 bales of Rags and 2.304 ba to \$5, as to quality and place of delivery. 31/8 2,100 bales Old Papers. English Old Papers and Shavings English Old Papers and Sh Hand Shavings, No. 1. Soft Shavings, No. 1. White and Colored Shavings, No. 1. White and Colored Shavings, No. 2. Cream Shavings. Paper Collar Cuttings. Ledgers, Business and Letters Newspapers and Pamphlets. Broken News and Letters New Books, solid follos. Old Blank Books. Old Printed Books. Old Printed Books. Railway Tickets. 814 476 476 8 54484 JOHN L. TAYLOR. DOMESTIC RAGS .- These continue to rule Fine Blue Linen, light color. PRICES CURRENT. 444000 4%0 Importer of Rags, Waste Papers and Jute Stocks. very dull, and, as apt to be the case on a dull Bagging, No. 1 Bagging, No. 1 All grades on hand and to arrive at lowest prices. No. 60 DUANE ST., NEW YORK Burlar market, prices, as a general thing, favor buyers. NEW YORK MARKET. some little inquiry for No. 2 City There is COTTOMS. Shirt Cuttings. CSPFF..... CSPF..... 534 434 3% Whites, but No. 1 and Seconds attract very little Paper Market. attention. Seconds, particularly, are in full DEALERS' SELLING Ledger and Record. Flat Caps, Superfines. Fast Caps, Fines. Fast Caps, engine-sized Blotting, American Book, super-sized and sized Book, No. 1, Shavings & Imperfect Book, No. 4, Shavings & Imperfect Book, No. 4, Shavings & Imperfect News, ang and wood News, straw News, straw News, straw Hanging, Superfine, No. 1 Hanging, Superfine, No. 1 Hanging, White Blank, No. 3. Hanging, White Blank, No. 3. Hanging, White Blank, No. 3. Market Review. DEALERS' SELLING PRICE supply, and a very fair quality can be secured 8 356 .. \$0.19 @\$0.24 at 25%c. No. 1 Whites are still held at Fine Blue Cotton 41/4 81/2 91/4 18 16 18 15 91 10 10 4 3%@ 2%@ 1960 OFFICE OF THE PAPER TRADE JOURNAL, } FRIDAY, November 5, 1880. 21 18 15 28 25 11 11 10 45%c. for prime, and No. 2 do. at 31%c., while Rope. ordinary to inferior are offered at 8c. Included T R (tarred).... M R (manilia) P T R (standing rigging).... 994 844 4 THE MONEY MARKET .-- The monetary sit 2360 3 00 3360 Leghorn Rags. in the sales were 50 bales No. 2 City Whites at P P, No. 1 Linen 8 8, No. 2 Linen T T, No. 3 Linen P, No. 1 Cottons. S, No. 2 Cottons. T, No. 3 Cottons. uation was characterized by ease throughout 000000 8%c., and 100 bales City Seconds at 2c. 516 almost the entire week, the rates for call loans, Old Papers. BAGGING, &c .- We have no further im-600000 8 Linens pledge of stock collateral, ranging between 2 Old Book Paper... 916 916 9 816 316 provement to report in Gunny Bagging, the and 4 per cent. Loans were made on governbonds at 2@21/ per cent. The rates for Imperfections... White Shavings market remaining quist, but steady. We do not 4 314 434 hear of any other lots of No. 1 Manchester offer-Alexandria Raga. time loans ranged between 8 and 5 per cent., ing as low as the two speculative purchases re-5%00 5%00 ording to the length of time and the collat-10 Leghorn and Genoa Rags. ported last week. Most of this quality now of-fering is held at 2%c., and very little can be had Colors eral. In the discount market a fairly active 294 816 9 6 736 P P. No. 1 White Linens. 8 S No. 2 White Linens. T T. No. 3 White Linens. R E Linen Stripes. P C. No. 1 White Cottons business was transacted at 3%@5% per cent. for 436 Smyrna Rags. 81400 81400 81400 for less. Manilla Rope is quiet, and Domestic prime names. 414 can now be bought at 81%c., and Foreign do. at The government bond market was somewhat

Sic. Jute Rope is still nominally quoted at 2%c. Among the sales reported were 32 tons No. 1 Gunny Bagging at 21/@2 9-16c., and 20 tons Domestic Manilla Rope at 31/c.

OLD PAPERS .- Prices remain steady, but the market is inactive, yet holders do not show much disposition to urge supplies. We continue quotations as follows : Solid Book Stock, 3%@3%c.; Light do., 1%@1%c. Hard White Shavings quoted at 4%@4%c.; Soft do., 4½c. ; Pure Manillas, 2%@2%c. ; Binders' Chips, 1%c : Straw do., 1%@1%c. : Commons, 80@85c. Colored Shavings, 81/203%c., and Folded News, 21/@21/c. We note a sale of 40 tons Folded News at 2%c.

STRAW-Continues to move fairly, with prices firm and unchanged. New York city prices are: Long Rye, \$1@1.05; Short do., 80@85c., and Oat at 70c.

ROSINS-Have ruled very dull, with prices nominally as before. We continue to quote job lots from yard, viz.: C Strained, \$2; D Good Strained at \$2.20; E at \$2.35; F Good No. 2 at \$2.50; G Low No. 1 at \$2.75; H No. 1 at \$2.821/2; I Good No. 1 at \$3.20; K Low Pale at \$3.30; M Pale at \$3.50; N Extra Pale at \$4, and W at \$4.25

CHEMICALS .- There has not been very n inquiry since our last, and the market is dull. Prices are rather easy, and it would be difficult to place a large quantity, except at a low figure. Stocks of nearly all descriptions are large and are beginning to accumulate. Bleach has been in fair request, but there is an easier feeling. Caustic Soda has been in light demand and the price is steady. Caustic Ash is easier. High test is in jobbing request, but no large parcels are moving. Sal Soda has not sold very freely to arrive, and the demand for spot is also light. Alum is very firm. The demand continues quite active, and only little is obtainable for prompt delivery, manufacturers being well sold up. Aluminous Cake is dull, but prices remain

steady. Sales are said to have been as follows: cks. Bleaching Powders at 1.15@1.20c.; 200 200 tons Soda Ash at 1.60@1.65c.; 100 drum Caustic Soda, 60 per cent., at 3.75c.; 50 tons Sal Soda at 1.25c.; 300 barrels Lump Alum (Ammonia) at 2c.; 150 barrels Ground Alum (Ammonia), at 21/2c.; 100 barrels Ground Potash Alum at 2½c.; 400 barrels Lump Potash Alum at 2c.; * 300 barrels Pearl do. at 2½c.; 500

barrels Natrona Porous Alum at 2%c.; 50 tons Aluminous Cake at 1%c.; 20 cases Ultramarine at 20@30c.; 20 cks. yellow Prussiate Pot ash at 261/c.; 25 cks. Bichromate do. at 12c.; 30 cks. Antichlorine, at Sc.; 10 cks. Orange Miner al at 9c.; 200 barrels Venetian Red at 1%c.; 10 cks. White Sugar of Lead at 15%c.; 20 cks Brown do. at 10c.; 200 barrels Corn Starch at 3% c.; 100 bbls. Potato do. at 4% c.; and 2,000 bxs. Extract Logwood at 9c.

CHINA CLAY, &c .- In English Clay there has been only a light jobbing trade in progress during the past week. Stocks at present are said to be light, but buyers for the most part have been pretty well supplied by free purchases of lots to arrive. Southern has, a fair demand and is quoted at \$11@12, according to quality. We note sales of 25 tons English Clay at \$16, and 30 tons Southern do. at \$12.

COAL .- The business in Anthracite Coal cons offered tempting consumers to buy freely. tinues in a very healthy condition, the lateness supply is unusually light for this time of the of the season and the harmony that exists among Paper Stock. WESTERN STATES ers tending to support present value JUTE BUTTS .- This has been a very quiet Saward's Coal Trade Journal says: "Prices are. if anything, tending toward firmer connection trifling jobbing parcels. Holders will now take with the printed lists. As at present under-2%c., cash, for round lots paper quality, or 2%c., stood, the operators are going to take care of time, for small parcels of 500 bales or less. Bag the trade and not allow it to fall into the ruinging Butts are quoted within the range of 2%@ SOUTHERN STATES ous condition that prevailed in the last three Sc., according to quality. No arrivals have been reported during the week. Total stock in It is said that a mill for the manufacture of winter seasons. The demand for coal to go to the Western market keeps up, and from all reports first hands in New York and Boston November there must be a good tonnage in this direction 1 about 55,500 bales; same time last year, 22,000 all winter. The population and manufactures bales ase in such a ratio, at the West that fue WOOD PULP .- The demand is still very fair, of all varieties will be in demand at fair prices. with a small increased supply owing to the re Manufacturers have gone to using soft coal in Dark Fustians Black Calicoes. First Canvas Lir Second Canvas many places because they cannot secure supplies cent rains. It is said that, with the early com SPECIAL NOTICES. pletion of a number of new mills, the sharp of Anthracite from one cause or another. as Linen. Becond Canvas Laber Gunny Bagging, No. 1 Gunny Bagging, No. 2 Mixed Bagging, No. 2 Burlape Bagging, No. 1 Rope, Manilla, tarred. are still in doubt as to any programme for the winter season, but have the assurance of many competition will result in prices being lowered We continue to quote S@S%c. as the range of price for inferior to best qualities of Ground Wood Pulp, and 5% c. for Chemical Fibre. parties that the trade will be kept in a good healthy condition; the managers must not for-3764 2760 8 SIXTH EDITION NOW READY.

1	OURNAL.	
	Hanging, Buff. 5 6 Hanging, Brown 4446 5 Colored Papers, Double Mediums 9 9 Colored Papers, Glassed Mediums 11 12 Colored Papers, Tobaco 9 946 Colored Papers, Tobaco 9 946 Colored Papers, Tobaco 9 946 White Dissue, 30 × 30, 9 9 ream Manilias, Flour-sack, Grab. 1.00 6 Manilias, Flour-sack, Grab. 11 6 Manilias, Rose, sub-sol, Grab. 11 6	C C Colored Cottons. C B C S Q Alexandria Rags. Whites Blues.
	White Tasue, 34×35, W ream	Colors Memel Rags. 8 P F F. 8 P F. 9 P F. 9 P P F. 9 P F. 9 P P P P P P P P P P P P P P P P P P P
	Tissue Manillas, full count, weight and size, 11 × 15, other sizes in proportion 22 (2 34 Hardware, light colored, imported 34 (2 16 Hardware, No 1, glazed, tarred 8 (2 9	FG LFB Trieste Rags.
	Tissue Manillas, full count, weight and size, 11.× 15, other sizes in proportion 22 G 34 Hardware, light colored, imported 14 G 16 Hardware, No 1, glazed. tarred 8 G 9 Hardware, No 1, glazed. tarred. 6 G 7 Binder's Boards, 9 ton	Trieste Rags. S P F. S F F. S F S. S F B.
	Straw Boards, steam-dried, No. 3, 55,00 6 6 7 <th7< th=""> <th7< th=""> <th7< th=""></th7<></th7<></th7<>	Konigsberg Rags. 8 F F F. 8 P F. 5 F F. L F B.
	00 10 0 00 0 · · · · · · · · · · · · · ·	Japanese Rags. Whites, ordinary
-	36 × 40, from 38 Ds. to 40 Ds. \$\mathbf{p} r'm. 1.40 36 30 × 40, from 30 Ds. to 34 Ds. \$\mathbf{p} r'm. 1.12 36 24 × 36, from 34 Ds. to 35 Ds. \$\mathbf{p} r'm. \$\$4 36 22 × 32, from 34 Ds. to 35 Ds. \$\mathbf{p} r'm. \$\$6 36 30 × 40, from 16 Ds. \$\mathbf{p} r'm. \$\$6 36 16 × 32, from 12 Ds. to 35 Ds. \$\mathbf{p} r'm. \$\$6 36 16 × 32, from 12 Ds. to 13 Ds. \$\mathbf{p} r'm. \$\$6 36 15 × 30, from 80 Ds. \$\mathbf{p} r'm. \$\$5 36 15 × 30, from 80 Ds. \$\mathbf{p} r'm. \$\$5 36	Extra grades from Ac. higher
	10 - 16 00	Alum, lump. Alum, ground Alum, pearl. Alum, peorus Alum, concentrated
-	11 × 15 15 45 Straw Wrapping, P D. heavy weight. 2.65 6 Straw Wrapping, P D. light weight. 36 86 Tea Papers, 16-sheet quires 35 6 12 × 15	Aluminous Cake, "Elephant," Anti-Chiorine. Bi-Chromate Potash, Scotch
	Comforter Stock	Bi-Chromate Potash, American Bleaching Powders Caustic Soda, 60 per cent Clay, China, English, per ton Clay, China, English, per ton
	Winite Stockings 25	Bi-Chromate Potash, American Blaching Powlers. Caustic Soda, 60 per cent. Clay, China, English, per ton. Clay, China, English, to arrive, per ton Clay, Couth Carolina, per ton Clay, Terra Alba English per ton Clay, Terra Alba American, per ton. Copperas, American, and the composition of the terra Copperas, American.
	Seamed Cloth. 10% G Skirted Cloth. 5% G Light Skirted Cloth. 6% G New Dark Clips 12% G	Clay, Terra Alba, American, per ton. Corn Starch. Copperas, American. Extract Logwood Mineral Fibrous Pulp. N. Y. Lubricating Co.'sComp'd, W D. Pocho Starch.
	New Light Clips 1346 New Black Clips 1546 New Blue Clips 1646 New Folts 3466 New Folts 1846	Prussian Blue, dry
	New Fancy Linsey Cuttings	Prinsuate Fotash, American Orange Mineral. Rosins, good, No. 2, per bhi Rosins, good, No. 2, per bhi Rosins, No. 1, per bhi Rosins, good, No. 1, per bhi Rosins, gole, per bhi Sai Roda. Soda Ash, canstic, 48 per cent Soda Ash, refined.
	Seams 9% 0 Delaines, stripped for extract 9% 0 Black: Shoe Lastings 9% 0 Blankets, Woolen 9% 0 Wool Carpets 9% 0 Wirzed Carpets 9% 0	Rosins, good, No. 1, per bhi Rosins, pale, per bbi Sal Soda Soda Ash, caustic, 48 per cent
-	Wool Carpets	Soda Ash, refined Soluble Elue Spanish Brown, dry Sugar Lead, white Sugar Lead, brown
	White Shirt Cuttings, No. 1	Sulphuric Acid, 60 degrees Sulphuric Acid, 66 degrees Ultramarine, blue. Venetian Red, American Venetian Red, "Cookson's," Eng.
	New Canton Flannels	Yellow Ochre
	Contron Canvas, No. 1	BOSTON MARE PaperPrices hold very firm, with
	Colors, per 100 b 00 č 1.00 Manilla Rope 3466 Manilla Rope, tarred. 3466 Gunny Bagging, No. 2 3666 Gunny Ragging, No. 2 3666	 city in some grades. Paper Stocks.—Demand in genera but some dealers report making an contracts, manufacturers evidently
9 6 8	No. 2. Whites 31.3 3 Cotton Canvas 31.4 3 Linen Canvas, No. 1. 41.6 4 Country White Rags. 41.6 4 Colors, per 100 b 50.6 4 Manilla Rope, tarred. 34.6 4 Gunny Bagging, No. 1. 34.6 4 Gunny Bagging, No. 1. 34.6 4 Burlap Bagging, No. 1. 34.6 4 Hemp Twine Stock 44.6 4 Jute Waste. 45.6 4 Shavines and Old Paper. 54.6 3	prices can go litile, if any, lower, ev ent conditions, and should rain com tity values would increase without do
1	Jute Waste. 1346 2 Shavings and Old Paper. White Collar Cuttings, muslin lined. 5462 5 White Evelope Cuttings. 546 5	as to supply with higher prices ruling
	Hard White Shavings, No. 1	a quantity, which is selling well, the it is offered tempting consumers
	Dook Stock No 1 light 9 4 9	Paper Stock.
t a	Pure Manillas and Hardwares 1994 23 Bogus Manillas and Hardwares 1146 11 Commons	Gunny Bagging.
0	New Cuttings, cotton	Kentucsy Bagging Waate Woolens. Jute Butts. White Collar Cuttings. White Envelope Cuttings.
8	Outshots, cotton	Waste Woolens. Jute Butts. White Collar Cuttings Hard White Shavings, No. 1 Soft White Shavings, No. 1 Mixed Shavings, No. 3 Mixed Shavings, (& white) Imperfections. Book Stocks.
8 1 L	New Print Tabs 33405	Imperfections Book Stocks Light Prints Manilla Papers, old

No. 3 White Cottons Cotton Stripes Colored Cottons	220	-
Colored Cottons	240	294
	100	2
Alexandria Rags.	27810	20%
tes	8 6	-
11	2960	
Memel Rags.	-/40	
F F	4342	47
	3946	4
B	4%6	43
	-	
F. Trieste Rags.	120	
	8%	- 4
B	376G	33
F F	4940	47
F	140	2
B		1)
Japanese Rags. ites, ordinary		
tes, ordinary	340	
es, ordinary e Japans stra grades from ½c. higher	9%265 114/0	
tra grades from Mc. higher	*78 D	
Chemicals, Coloring Materi	als, &c	
m, lump m. ground	340	
m, pearl m. porous m, concentrated	260	
m, concentrated	240	-
minous Cake, " Elephant,"	196.2	_
i-Chlorine	12 4	
hromate Potash, American	12 0	
stic Soda, 60 per cent	8.75 6	1.00
m. concentrated minous Cake, "Elephant," (-fubrine: fromate Potash, Scotch. fromate Potash, Scotch. fromate Potash, American. uching Powders. Stile Soda, 60 per cont. , China, English, per ton. , China, English, to arrive, per distar", , South Carolina, per ton. , Terra Alba English per ton. Barch.	16.00	17.50
n	16,00 (b) 13.50 (b)	17.50 14.50
y, South Carolina, per ton	11.00 6	12.00
y, Terra Alba, American, per ton.	10.50	11.50
peras, American	13400	
ract Logwood	9 8	-
Y. Lubricating Co.'s Comp'd, 🖉 D.	10	
ato Starch	4346	50
ssian Blue, dry ssiate Potash, American inge Mineral ing good strained, per bhl	0616G	
ins, good strained, per bbl	2.90	
ins, low, No. 1, per bbl	2.75	
ins, No. 1, per bbl	8,20 68	
ins, pale, per bbl	3.50	1.95
a Ash, caustic, 48 per cent	1.60 6	1.65
ins, good strained, per bbl ins, good, No. 9, per bbl ins, low, No. 1, per bbl ins, No. 1, per bbl ins, No. 1, per bbl ins, Potol Soda a Ash, caustic, 45 per cent a Ash, caustic, 45 per cent a Ash, refined nish Brown. dry	60 0	22
able Blue nish Brown, dry ar Lead, white ar Lead, brown	1 0	1
as Asend, wante, correct contents	10 0	
phuric Acid, 60 degrees	1946	
ar Lead, Grown phuric Acid, 60 degrees phuric Acid, 66 degrees marine, blue astian Red, American astian Red, "Cookson"," Eng iol, blue low Ochre	20 6	30
netian Red, "Cookson's," Eng	1983	
low Ochre	1168	1

BOSTON MARKET.

aper.-Prices hold very firm, with continued scar-

aper Stocks -- Demand in general rather quiet some dealers report making a number of large tracts, manufacturers evidently thinking that es can go little, if any, lower, even under presconditions, and should rain come in values would increase without doubt. ne in any

emicals.-Ash, bleach and sal are about the e: demand is rather better. Alums remain same o supply, with higher prices ruling. English elay a better supply. A vessel has just arrived with nantity, which is selling well, the price at which

× .	074	A supres (Secondar		
٩.	234	Mill Assorted Whites	55642	58
Ŋ -		Cotton Canvas	4760	5
ε.	2%	Cotton Canvas, No. 2	8160	83
۵.	134	Gunny Bagging.	2540	25
β		Gunny Bagging, No. 8	8 0	23
β.	156	Shivey Bagging	2160	25
δ	11/4	Kentucky Bagging	5 63	51
		Waste Woolens	360	1
ί	536	Jute Butts	- 6	20
5	636	White Collar Cuttings	4360	5
5	5	White Envelope Cuttings	5 4	54
ξ.,		Hard White Shavings, No. 1	5 0	51
Ε.,		Soft White Shavings, No. 1	41462	- 44
5	386	White Shavings, No. 2	8 0	8
Ε.	-/0	Mixed Shavings (% white)	246	23
ε.	_	Imperfections.	2360	- 29
Ε.		Book Stocks	3160	- 84
Ε.		Light Prints	2160	- 25
Ε.	316	Manilla Papers, old	1340	- 8
Ε.	220	Hardware and Manillas	140	14
8	262	Straw Board Cuttings	1 0	11
6	434	Linen Canvas	4360	- 41
5	4	Linen Canvas, No. 2	3140	8
δ.		White Shirt Cuttings	- 2	7
ξ.		Country White Rags	51602	154
δ.		Country Mixed Rags	246	- 81
5	176	City Whites, No. 2	3720	- 4)
δ.		Seconds, Country	4140	- 41
δ.,		Colors.	23/0	2
5	23%	Manilla Rope	3360	- 84
ā.		Binders' or Tar Board Cuttings	1 0	1
δ.		Common Papers	340	1
		Oakum Junk	5140	- 8
he .		Hemp Rope, Tarred	8 0	- 53
8.	5	English Rags, &c.	-	
δ.		Essex Fines	51400	81
δ.		London Fines, cotton	43.0	41
2 .		Outshote, cotton	4300	4
8 -		Seconds	8440	20
2 .		Seconds, extra	8160	3
3 .		Thirds	21/10	-
2 .		New Print Tabs	3780	- 2
2 .	-	Checks and Blues	84.0	- 50
a	08.4	CAR CHAR BARK APANOD COCCERCICE CONTRACTOR	0000	

459840 ---

460	THE PA.	PER TRADE J	OURNAL.	
Constantinople Rags. Whites %40 Blues 3 Beds 8 Superfine Book 11 Fine Book 10 Fine Book 8	Tea Papers, 13 × 18	FOR SALE-FOUR BRASS PRESS ROLLS, 84- inch face, 14-inch diameter; in perfect order. TWELVE DANDY ROLLS, 62-inch face, 5 wove and 7 laid. TWO BOYDEN TURBINE WATER-WHEELS, with fron cases; complete and in good order; one 739-inch and one 36-inch. They were made by Ames Manu facturing Co., Chicogee Falls, in the best manner, and will be sold low.	ORDERS SOLICITED FOR Japanese Rags, Paper Stock and Tree Bark Fibres, In any Condition and in any Quantities.	McGowan's Pumps
News, Rag and Wood 8462 9 News, Raraw 7 68 8 News, No. I, all rag. 8464 9 News, Rag and Wood. 7462 8 Manilla, Cream, Rope. 11462 12 Manilla, No. 1, Rope. 10566 11 Manilla, Extra Jute. 9 62 10 Manilla, No. 2. 64 9 64 12	Bags and Paper Stock. 6 476 ** No. 9.	and will be sold low. <u>SMITH PAPER CO., LEE, MASS.</u> THE WRITER IS MAKING, TURNING AND Grinding all kinds of Rolls; Making and Repair- ing Dandies and Cylinders. Paper Knives made and ground. Calenders on hand. Shafting, Gearing and	WM. H. DOYLE, Yokohama, Japan. LEFFEL'S Improved Turbine Water Wheel	Steam Pumps, Pulp or Stuff Pumps, New Buckeye Pumps, Pumps for all Purposes. HYDRAULIC PRESSES, For Pressing Water from Straw Board.
Manilla, Bogus 4160 6 Hardware, No. 1, tarred. 7460 8 Hardware, No. 3 760 8 Hardware, No. 3 760 8 Hardware, No. 4 760 8 Hardware, No. 5 6 6 Straw Boards, sirdried, ¥ ton 500 60.00 Braw Wrapping, heavy 2560 3460 Straw Wrapping, heavy 2560 3600 Binders' Boards, ¥ ton 60.00 665.00 Lesther Board, Common, ¥ D 3460 60.00	Manila Rope 6 359 Wrapping Stock 6 1.50 Tailor Satinets 6 3 Book and Ledger Stock 6 3 Print Papers 6 14 Mo over Lasue 6 25% No. 1 Mannila 6 3	Pulleys ; Engines and Pumps ; Hydraulic and Screw Presses ; machines to test the strength of paper or other material ; Power, Hand and Hydraulic Ele- vators or Holsts. We can furnish any parts for Gavit machines. GEO. C. HOWARD, Eighteenth St., N. of Chestnut St., Philadelphia.	Send for new descriptive Wheel Book. Prices greatly reduced. JAS. LEFFEL & CO., Springfield, O., and 110 Liberty St.	HYDRAULIO PRESSES for FINE PAPER. **** Send for Catalogue. THEO. J. McGOWAN & BLISS, 141 & 143 West Second Street, CINCINNATI, OHIO.
Leather Board, stra. 0 6 8 Leather Board, stra. 0 6 9 Tar Boards V ton. 110.002130.00 Chemicals. Aluminous Cake, currency. 11/40 19	No. 2	PAPER MILL FOR SALE. At West Dudley Depot, Mass. The machinery con- sists of one 54-inch Double Cylinder Machine, 5 Beat- ing and Washing Engines, Bleachers, Bold all the machinery necessary for making paper. Now running on Manilla. Capacity two tons per day. Water power durable on Quinebaug River, Cars	BUCKEYE ENGINE CO.	J.Henry Blanchard,
Alum, English lump, W D 3"60 Alum, English ground 3%6 Alum, American ground 3%6 Alum, American lump 2 Alum, Potash 2%6 Alum, American lump 2 Alum, American lump 2 Alum, American lump 2 Alum, Potash 4 Bi-Chromate Potash, Scotch 11566 Bi-Chromate Potash, American 11566 Bi-Chromate Potash, American 11566	MILWAUKEE MARKET.	Water power durable on Quilebaug River. Cars run to the door. Will be sold cheap and on easy terms. C. W. WELD. FOR BALE. A 62-inch Machine, all complete and in first-rate condition. Stuff Pump, none better. Screens. Vat nearly new. Making Cylinder. First and Second Press. Four 36-inch Driers. Four Calenders. Six Revolving and Eight Upright Reviews. Cutter, Six Revolving and Eight Upright Reviews. Cutter, Six	mand, resulting from low water, we have nearly completed a LIMITED NUMBER of BUCKEYE ENGINES, Horse Power, On Soite 2000 House Dealers in Balance	Chemical Broker, No. 36 BATTERYMARCH ST.,
Bleaching Fowders 15 1.15 Blackley Blue 4.00 6.00 Caustic Soda, 60 ¥ cent. 3560 3 Clay, English, % ton 15.50 216.50 216.50 Clay, English, extra 18.00 450.00 216.50 Clay, English, extra 18.00 451.50 216.50 Clay, English, extra 18.00 415.50 216.50 Clay, English, extra 18.00 415.50 216.50 Cuprenz, American, ¥ ton 1 1 1 21.50 Lime, common, ¥ bbl 1.00 4.73 9 9	Plate. 15 % 19 Super-Calendered, white and tinted. 12 % 13 Fine Book, white and tinted. 11 % 12 No. 2 Book 9 % 10 Colored Glased Mediums. 13 % 14 Rag News, No. 1 9 % 0 Ordinary Rag News. 8460 Straw and Wood News. 7 % 76	Jers and windlers, all complete. Good Driving Gest- ing, all iron frames. One Rotary Bleacher, 5x17, in good shape. One Press Cutter, 40-inch Knife. One 80-inch Engine, with Cylinder Washer. This ma- chinery we are desirous of selling and will sell at a harrann. GEORGE ROBERTSON. Hingdale. N.H.	Or 80 to 200 Horse Power, in Pairs, WHICH WE CAN DELIVER ON SHORT NOTICE. BUCKEYE ENGINE CO.,	BOSTON, MASS. P. O. Box 811. Soda Ash, Bleaching Powders, Sal Soda, Hyposulphite of Soda,
Prussian Blue, W D 62 0, 65 Prussian Potash, American 27 0, 28 Bosin, common strained W D 9, 125;65, 2, 35 Bosin, No. 2 2, 40 0, 2, 20 Bosin, No. 2 2, 40 0, 2, 20 Bosin, No. 2 2, 40 0, 2, 20 Bosin, No. 1 5, 00 0, 3, 50 Bosin, Pale 8, 75 0, 4, 35 Bosin, Catra pale 4, 35 0, 4, 60 Bal Socia, Eng., W D 1, 20 0, 51, 15	Ordinary Manilla	Guaranteed by the most experienced operator in Pennsylvania. A considerable part of the money to work already engaged. This is the same quality and near the "Star Clay," but only 100 yards from a	Room 42, Coal and Iron Exchange, New York. Hill, CLARKE & Co., New England Agts., 36 Oliver St., Boston.	Caustic Soda, English Alum, English Clay, Bosin, & AGENT FOR
Boda Aab. 1.55 (f) 1.05 Soda Aab. refined. 1.80 (f) 2 Boluble Blue. 6	Tess Papers, 12×16 0 Straw Boards, sit-dried, 9 ton	railroad station. A rare opportunity. Send for specimens and particulars to WM. CURTIS TAYLOR, Philadelphia, Pa. FOR SALE.	The Chicago & Northwestern Railway	"Excelsior" South Carolina Clay, Phenix Aluminous Cake,
Ditramarine, W B	00 Prints 0 2% Manilla Rope 0 3% Mixed Bagging 0 2.40 Warapping Stock 0 80 Seamed Cloth 0 10% Wool Seams 3% 0%	Stack New Chilled Calender Rolls, 80-Inch face. Bottom Roll, 14 inches diameter. Top Roll 12 inches diameter, and seven intermediate 7 inch diameter, with Stands, Shaft, Pulleys, &c., complete. D. H. & J. C. NEWTON, HOLYOKE, MASS.	Is the oldest, best constructed, best equipped, and hence the most reliable railway corporation of the West. It is to day the Leeding Railway of the West and Northwest.	WOOD PULP
Extra Super Calend. and Sized Book. 11460. 12 Super Calendered and Sized Book. 10460. 11 No. 1 Machine-Finish Book. 9460. 10 No. 2 Machine-Finish Book. 960. 0 Rag News. 960. 0 Baraw News. 7566. 8 Manilia Rope, No. 1. 12 12 Jute Manilia, No. 1. 12 12 Jute Manilia, No. 1. 10468. 10468.	Common Papers, 12 100 bs	FOR SALE. One 62-inch Cylinder Machine, containing five Cop- per Driers, 36-inch diameter; New Making Cylinder, 36-inch diameter; Vat and Pulp Dresser; one Stack of Calenders, and one Gavit Cone Cutter. Price	16 embraces under one management 2,380 miles of road, and embraces the following Truck Lines: "Chicago, Council Bluffs & California Line," "Chicago, Sioux City & Yankton Line," "Chicago, Freeport & Dubuque Line," "Chicago, Freeport & Dubuque Line," "Chicago, Ste Paul & Minnespolis Line," "Chicago, Ste Paul & Minnespolis Line," "Chicago, Ste Paul & Minnespolis Line,"	SIXTEEN YEARS' Experience in the manufacture of Pumps for Paper Makers enables us to guarantee entire satisfaction in all cases. Our Latest
Jute Manilla, No. 1, light weight	FOREIGN MARKETS. London Market Report.	\$15,00. Can be seen standing at Slackwater Paper Mills, Lancaster, Pa. Address JOHN A. SHOBER, Lancaster, Pa. FOR SALE.		Improved Pumps are perfectly adapted to the requirements of the Paper Manufact- urer, and are not equaled by those of any other maker. We point with pride to the
Paper Stock. White Shirt Outlings. 7 6 7 Unblesched Muslins 6% 7 6 7 Canton Fiannels, Bleached 6% 6 6 6 Canton Fiannels, Bleached 5% 6 5 6 5 No, 1 Whites 5% 6% 6	The position of our market remains unchanged, some large contracts at previous figures being again reported. RAGE.—The demand for strong middle-classed linens has slightly increased. Paper makers here	inducements on the balance to close it out, consisting		fact that there are more HEALD & SISCO PUMPS in use in the Paper Mills in this country
New Blues 34:60 3 Colors 94:60 9 Blacks 1/4:60 1 Overall Cuttings 4 6 No. 1 Cotton Canvas 4/4:65 4/4:55	GUNNY ROPE HEMP BAGGING &c -English	horse-power Upright Steam Engine, in perfect order; two Wiswall Force Pumps, Nos. 3 and 4; one 34-inch Sturdefant Blower, Ralfroad Dusters, Lime Chest and Agitator; four Upham and two Sanbern Water Wheels; Scales, Belting, &c. All communications to be addressed to the BOSTON MACHINE CO., Boston, Mass.	HAP OF THE CHICAGO AND NONTHWESTERN BALLWAY.	to-day than all other kinds combined. Perfect satisfaction in all cases, or Pumps returned at our expense.
No. 2 Cotton Cauvas 3460 Hard Woolens 560 White Shavings, Hard 560 White Shavings, Soft 560 Book Stock 560 Newspapers 560 Broken Printe 1560 Broken Printe 1560 Manilla, No. 1 560 Manilla, No. 2 160 Flour Sacks 664 Binders' Board Cuttings 160 Straw Board Cuttings 160	tracts are being now completed to a large extent. WASTEPAPERS.—Suitable parcels easily find buy- ers, while other qualities are somewhat neglected, Advertisements.	FOR SALE. Three (3) 250-lb. Rag Engines, now running in Highland Paper Mills. Apply to	The popularity of these lines is steadily increasing, and passengers should consult their interests by pur- chasing tickets via this line. Trickets over this route are sold by all coupes. Acket creats in the United States and Canadas. For information, folders, maps, &c., not obtains- ble at Home Tickets Office, address any agent of Lice	full description, prices. &c. Address HEALD, SISCO & CO., Baldwinsville, N. Y.
Common Cuttings, per 100 Bs	CORLISS ENGINE BUILDERS,	JAMES A. TOWNSEND, Newburg, N. Y. PAPER MILL FOR SALE. STEAM POWER.	Company, or Manyin Hoomry, Gen'l Passenger Agent, Gen'l Manager, Chicago, 11, Chicago, 11, T. NEW'S PREPARED	Keystone Felts
Hemp Twine 4460 4 Jute Rope 3940 39 Black Hemp Bagging 446 5 Gunny Bagging 8 3 Bhivey Bagging 2 3 Scrap Bagging 2 3 Orap Bagging 2 3 Cotton Mill Sweepings 8 3		Fifty miles from New York: Double Cylinder, 48-inch Machine, 6 Dryers, all accessories for making No. 2 manillas, news, or other papers; Mill built in 1874; cost over \$20,000; will be sold for \$10,000 cash, or a half-interest for \$6,000. Address E. W., care Paper Trade Journal.	ROOFING	L. K. HEATHCOTE & CO.,
Chemicals, Coloring Materials, &c. Alum, ump 940 31 Alum, ground 340 34 Alum, poarl 340 34 Alum, portus 340 34 Alum, portus 346 34 Alum, potash 246 19 Alum, lotash 246 19 Aluminous Cake, Blue Star 1466 19 And-Chlorine 3466 34 Bi-Chromate Potash, Scotch 13466 34		SAVANNAH PAPER MILLS For Sale as a whole or part Inter- est, or for Lease.	samples free. T. NEW, 25 John St., New York. BARRETT, ARNOLD & KIMBALL, Western Agents, Chicago, III.	Glen Rock, Pa. FOURDRINIER and CYLINDER
Bi-Chromate Potado, American. 12 © 16 Hissáching Powders. 136© 17 Caustic Soda, 60 per cent. 4 © 4 China Clay, "Star". 13.50 © 14.50 Clay, China, English, ber ton. 17 © 18.00 Clay, China, English, to arrive, per	BOILER MAKERS, Ectary Boilers, Wood Digesters, WOOD CHIPPERS.	The above mill, situated in Savannah, Georgia, hav- ing just been thoroughly overhauled, and by the ad- ditions of new machinery it is now one of the most complete Manilia Mills in the country, now running full time. Capacity 5,000 pounds daily. This mill has the advantages of low freight rates by water. cheap fuel, and not affected by freezes or low water. Good local business and other encouragements. The present owner not being a practical paper	WHE IS A LEAGONARY TO WITH THE OLD WATER, OF ALL	Wet and Press Felts and Jackets. All Sizes and Styles suitable for the making from the coarsest to the finest paper.
ton	ROBT. WETHERILL & CO., Chester, Pa.	The present owner not being a practical paper maker wishes to sell, the whole property or would prefer to sell a part interest to some practical party who will take charge and conduct the business. To the right party this is an opportunity seldom met with. Full information can be obtained by ad-		All Felts Guaranteed to run well or they can be returned.



187 Pearl St., New York.

THE PAPER TRADE JOURNAL.



have expended large amounts of money for the protection of their property from fire should receive more consideration from the insurance companies than those of careless construction and indifferent management. Each risk should be placed on its merits, and the good ones should not be compelled to pay for the poor.



Steam Pump in the World.

Boy 3893 P. O., New York.

BOUTLEDGE. -- Bamboo, considered as a Paper

2 50

9.00

6 00

1 7

1 50

1 00

85 00

5 00

6.0

Should be pleased to send you a Paper Mill Survey, and to hear from you regarding any insurance which you may desire for your mill property, and you can rest assured that it will receive careful attention at our hands. Please write us before renewing any of your policies.

Very truly yours,

ANDERSON & STANTON, INSURANCE AGENTS AND BROKERS, 152 Broadway, New York.

How to Make Money.

To make money is the height of everybody's ambition. Nobody works for love, neither do they work for fun. But they want to make money, and make it honestly. How are we to do this ? Some people have better facilities and better locations for making money than we That may be very true. But let it be imhave. pressed upon your mind-the necessity of making your store attractive; buy as close as possible and be cordial and polite in manner. People will notice the former and latter of these requi sites more than anything else. What is more pleasing to a customer than a neat, clean store, nd, above all, a polite and accommodating storekeeper ? It is, of course, very necessary to spend enough money to meet your actual requirements, but never go in debt, and see that you do not spend more than you make. It is again very necessary to carry on the credit system to a certain extent. When you know a customer to be bonest, reliable and trustworthy. credit him; but crediting Tom, Dick and Harry will never pay, and in the long run you will find it so. Somebody that you do not know well enough to trust might ask you to credit him for twenty-five cents' worth of this or fifty cents' worth of that, and will settle up with you regularly for a short time, but he knowing that he can get credit from you, will keep on increasing the account until you get anxious and present the bill, and, in three cases out of four, you will get nothing from him. It is better to sell ten dollars' worth of goods for cash than twenty-five dollars for credit. Any-body that has been carrying on a credit busiwill tell you the same thing. Above all things, be honest. If a customer wants a pound of this or a pound of that, do not give him a pound and a quarter nor seven-eighths of a pound, but give him just one pound, for, by giving him too much you are cheating yourself. which is just as sinful as if you cheated him. Devote your whole time in oursuit of your busi-If you have any time to spare, devote it either to arranging the goods in your show-cases or upon the shelves, or read something that will benefit you and your business. Find out where you can buy your goods the cheapest for cash and go there, no matter how long you have been buying from the other man. By doing things your business will prosper .- Neu York Grocer. -

Honesty in Business.

The one method to be observed above all others in business pursuits is honesty. This should be the central force, and around it all other agencies in harmony revolve. To be honest at all cost is the safest capital invested. The interest is always sure, reg-ularly paid, and with increasing dividends. When an upright merchant comes into the market, he finds his honorable record has preceded him, and ready access is granted to the best firms in trade. Customers of this stamp are anxiously sought after, and character is of much, if not more account than capital. Large establishments seek to retain this kind of custom, and if any favors are shown, it is always to this class. It is important to have method, capital, concentration and energy in business, but more important to possess honesty. Method is necessary, but may sometimes resort to mean practices. Capital is a power, but may be directed to acquire unjust gains. Conce is of vital account, but is often centred on dishonest ways of acquiring wealth more rapidly. Energy is of practical value, but too frequently pushes in the wrong direction. Add to these honesty, and the circle is complete in which bus-iness will move onward with a flow as steady as the tides and as sure as the sun

Honesty is conservative, fears speculative methods, and seeks for the best modes of operation. It shrinks from incurring large liabilities. is anxious to be free from debt incumbrance and daily tries to strengthen its position. As far as possible it prefers the cash system, and when this is not always convenient will at once prepare for settling day. A merchant, to be ssful in the long run, must be an honest man. This is his strongest power, his surest agency, his only happy way of managing af-There is a fascination and charm in the fairs. regular pursuit of the occupations of life when they are controlled and regulated from a high and conscientious discharge of duty. This adds dignity to every profession, every trade, every legitimate calling. It is a satisfaction to look back over the early struggles of a business career and realize that in the most trying days

THE PAPER TRADE JOURNAL.

Indies and South American States, and such distant lands as China, Japan, Australia, New

Zealand, New South Wales, and the Sandwich

Islands. It will thus he seen that THE PAPER

TRADE JOURNAL offers the greatest inducements

to American paper-makers for advertising pur-

As to the character of an advertisement, the

following offers the best suggestions: The best

time to advertise is all the time. Spasmodic ad-

vertising, fike intermittent labor, is not always

productive of large results. An ordinary busi-

ness card forms matter for a very good adver-

tisement. A small card in every issue of a paper is better than a large one occasionally. A small card once a month is better than none at all. For further particulars address Howard Lock-wood, publisher PAPER TRADE JOURNAL, 74 Duane street, New York.

-THE-

BRITISH & COLONIAL PRINTER & STATIONER

And Paper Grade Review.

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most Independent, and Largest Circulation

any journal devoted to the English trades. Latest News and Original Articles.

STATIONERY and

American houses please send news and specimens

Subscription, \$3 per annum, payable to W

THE

PAPER MAKERS'

Monthly Journal.

ORGAN OF THE ENGLISH TRADE.

Imperial Octavo.

SUBSCRIPTION AND POSTAGE FOR THE UNITED

STATES AND CANADA, SEVEN SHILLINGS.

PER ANNUM IN ADVANCE.

THE PAPER MAKERS' MONTHLY JOUENAL

MARCHANT, SINGER & CO.,

PUBLISHERS,

and 2 Ingram Court, London, England.

ADVERTISEMENTS.

15 0

£22 10

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8 0 0

1 insertion. e page.....£3 2 0

PAPER

The

PRINTING

John Stonhill

Some Hints on Advertising.

American paper-makers have not been slow to avail themselves of the newest and best ideas for improving their industry and developing their trade, but they have singularly neglected one fundamental principle of business, which the keen and pushing merchant finds of great prac-tical value. Very few paper-makers consider the worth of advertising, and many forget that a journal recognized as their representative and voted to their interests has claims upon them which they ought to acknowledge. But, aside from the newspaper view of the value of advertising, the paper trade ought to see at once the importance of availing themselves of the advantages offered by a weekly trade publication through which they can communicate quickly and at small expense with any department of the usiness. For general advertising purposes, for the sale of goods and paper-mill property and for obtaining hands, they will find that their trade paper, published frequently, is an unsurpassed edium for accomplishing their desires.

The reason why American paper manufactarers should advertise are as follows:

1. The more widely any concern is known the better are its chances for doing business.

2. Old houses cannot rely upon the fact that they are well known. Younger men are in the field, and their eager competition must be met. 3. Dealers in cities throughout the country are often puzzled where to find some special grade of paper of which they require a larger supply than they can obtain near by.

4. With present low rates of freights paper can be shipped to very distant points and sold at a profit.

5. Most paper-makers manufacture some spe cialty, for which a high reputation can be made by advertising judiciously.

6. Advertising firms are usually the most active, and it is desirable to have one's business card in company with those of the most enterprising houses in the trade.

7. Importers and dealers in paper stocks and materials are more apt to offer their best bargains to such mills as they are being constantly reminded of, through their regular advertiseente

8. American paper mills are destined to supply the markets of the world in the course of a few years. Our export trade has opened and all that remains is for our manufacturers to be wide awake and avail themselves of the present

and coming opportunities. These and many other reasons demonstrate the importance of advertising to paper-makers, and apply with equal force to manufacturers of all grades of paper.

A card in THE PAPER TRADE JOURNAL, stating briefly the firm name and address, the class of paper made, and the special merits claimed for the product, will go constantly before all the principal dealers in the country, and also the chief publishers, printers and stationers. It will further gain the attention of the trade in foreign countries, as THE JOURNAL circulates largely throughout Great Britain, France, Ger-

Half page many, and other European countries, the West Quarter page.

The Hudson River Champion. simple. The cheap-This Celebrated Turbine has no equal for the use of Grist Mills, and is well adapted to all other kinds of mills. We can not boast of numbers sold. It is comparatively a new wheel, yet they are in use in nearly every section of the country, and GIVING THE BEST SATISFACTION. We do not expect millwrights to recommend them. We sell them so low that they cannot expect large commissions from us To mill men we speak: We offer you the very best Turbine built in the country at astonishing low prices, and warrant every wheel to give satisfaction, or no sale. P. H. WAIT, Send for our New Catalogue. Mechanical and Hydraulic Engineer SANDY HILL, N.Y. EVERY WHEEL WARRANTED. Westland Safety .amp -FOR-PAPER MILLS - AND-MANUFACTURING ESTABLISHMENTS GENERALLY. F.H.LOVELL & CO., 118 John & 233 Pearl Sts., NEW YORK. 窃 BUILDINGS light-ed with these lamps may be in-sured at same rates as if lighted by gas. In this connection we would add that the expense attend-ing the use of the Westland Safety Lamp is one-fifth the cost of light-ing by gas. ing by gas. PRICE, \$24.00 PER DOZ., COMPLETE. PRICE, \$24.00 PER DOL., COMPLETE. PRICE, \$24,00 PER DOZ., COMPLETE. WESTLAND'S PATENT SAFETY LAND.—Kerosene oli is now in such almost universal use for illumination that anything which makes it safer for life and property is a great public benefit. The new "Patent Safety Lamp," recently invented by Charles S. Westland, of this city, is claimed to be the best lamp yet produced for sure protection from all danger in burning kerosene and other infiammable oils, its great ad-vantage being that, in case of the breaking or bursting of a lamp, it extinguishes itself. Each of these new safety lamp contains a hermetically sealed chamber of carbonic acid gas that escapes and prevents the oil from taking fire on breakage of the ismp, as has been conclusively proven by experimental tests made with a large number of these ismps. A practical test of the new iamp was made at the Hope iron Foundry, last Tuesday afternoon, before several insurance men and manufacturers, with satisfactory results to all was extinguished by the escaping gas.—*Providence Journal*, June 1, 1880.



HE AMERICAN MAIL AND EXPORT JOURNAL is a medium for communication between American

Manufacturers and Exporters and the Foreign Trade. Its idea and duty is to explain to people of other lands the nature, variety and advantages of American products, whether they come from the soil or the workshop. Its subject matter includes articles upon Engineering and Machinery, Hardware, Textiles, Leather, Glass and Earthenware, Clocks, Watches, &c., Paper, Stationery and Fancy Goods, Metals and Mining, Drugs and Chemicals, Wines and Spirits, Freights, Produce, Provisions, Fina ce and Investo

Agencies have been established in the following cities: In Europe, at London, Paris, Berlin, Vienns, St. Petersburg, Stockholm, Christiania, Venice, Turin, Antwerp, Amsterdam, Florence, Triente, in South and Central America and West Indies, at Rio de Janeiro, Pernambuco, Rio Grande, Valparaiso, Valdivia, Barran-quilla, Panama, Puntarenas, Montevideo, La Guaira, Havana, Matanzes, Curaçoa, La Paz, Barbadoes; in Australia, New Zealand and Tasmania, at Sydney, Melbourne, Brisbane, Adelaide, Auckland, Dunedin and Hobart Town; in China and Japan. at Foochow, Shanghai, Newchwang and Yokohama; also at Honolulu, Sondwich lalands, and at hundreds of other cities throughout the world. "The American Mail and Export Journal" is kept regularly on file at all American Consulates and Com-

mercial Agencies, wherever established, and in this manner alone is brought under the direct attention of

merchants and shipping houses doing business with the United States. This Journal is also on file at over one thousand Chambers of Commerce, Boards of Trade, Banking Houses, Hotels, Reading Rooms, Libraries, Shipping Offices, &c., in important cities in all parts of the world. "The American Mail and Export Journal" is sent regularly to the Export and Shipping Merchants in the cities of New York, Philadelphia, Boston and Baltimore, and to the same class of houses in London, Liverpool, Manchester and Birmingham. The English Export Merchants alone number about 5,000, and

ship goods to all parts of the world.

ahip goods to all parts of the world.
The main portion of "The American Mail and Export Journal" is printed in English, that being the chief commercial language of the world.
A very complete classified list of advertisers appears in each number, with headings in five languages.
This Glossary enables readers not understanding English to refer at once to the advertisements they are

interested in This Journal was started in June, 1877, after upwards of a year having been occupied in establishing Agencies, and arranging for its careful distribution throughout the world. Gur Agents, established all over the world, are using their best endeavors to promote the introduction of American goods.

OPINIONS OF THE PRESS OF THE WORLD!

EXTRACTS FROM NOTICES BY THE LOREIGN PRESS.

The only recognized representative of the Paper rade in Great Britain, is published under the aus-ices of the Paper Makers' Club in London, and is the acknowledged means of intercommunication for the Association of Paper Manufacturers' of the nited Kingdom. It contains authentic particulars of Markets, Trade Matters, Export and Import eturns, Meetings, Deputations, and the affairs of the Trade generally. La Siglet, Furis, July 29, 1877.-A magnificent and ccellent commercial journal. July 27, 1877.-Full of inter-El Lauter, Rencougus, Chili, Asgust 4, 1877.-We hope that "The Mail" will receive in Chill the greet-ing that it really merits. Mortlake Dispatch, Mortlake, Victoria, September 26, 1877.-We have no doubt that it will be found in-valuable to all mercantile men.

London Stationer and F. G. Register, July 5, 1877.-eautifully printed and otherwise excellently well

Capetonn Daily News, August 21, 1877.-- A very seful and carefully got up trade circular, published h New York.

Newsvender, London, August 16, 1877.-It deserves to be prosperous if the promise in the first number is maintained.

Evening Star, Dunedin, New Zealand, August 25, 1877.-We think it likely to prove a valuable aid to

Jopan Gazette, Yokohama, August 27, 1877.-This mple of a new venture gives abundant promise of future exc

City Press, London, August 18, 1877.—The articles are well written, and the information on trade mat-ers full and interesting.

Sunderland (Eng.) Daily Times, August 20, 1877.-The idea is a grand one, and the style in which the new venture is got up ought to go far to render it a

Papers, Papers, Makers' Monthly Journal, London, July 31, 1877. - Excellently arranged, admirably printed on ine paper, and illustrated, this new venture looks is e succeeding.

we succeeding. Riponshire Advocate, Beaufort, Victoria, Septem-ref 25, 1577.—The paper has been got \mathbf{x}_i in a first-law manner, and for a first number 's . marvel of unpleteness and good work.

La Verdad, Valdivia, Chili, August 5, 1877.-An important publication, exclusively industrial, and from it we shall have much useful information to communicate to our subscribers.

communicate to our subscribers. Bendigo Advertiser, Sandhurst, Victoria, Septem-ber 21, 1877. -- Ic contains a large amount of informa-tion, and will assuredly do much to forward the in-terests of the American export trade. Grenville Advocate, Smythesdale, Victoria, Sep-tember 19, 1877. -- The manner in which the journal is got up wo have seldom seen exceelled, and it is well worth the support of all merchants and manufact-urers.

The Citizen, Gioucester, Eng.—It aims, by a system of world wide agency to find for the multitude of useful and ingenious American Inventions that pub-licity which is only needed to secure for them a brisk and general demand.

nd general demand. Expert Mercantile Advertiser, London, August 7, 877.—The proprietors propose to themselves the ad-ancement of American trade all over the world, and, soubless, will do it. We cannot but wish success to ur new co mpetit

our new competitor. British Mercantile Gazetts, July 15, 1877.—Mr. Lock-wood's resources in the matter of trade journalism .re extensive, but whatever he does he does exceed-ngty well, and his latest venture does him infinite .redit, and bids fair to be a great success.

Bacchus Marsh Express, Victoria, September 23, 1577.-Is contains descriptions and Illustrations of many novelices which the Americans are always pro-uncing, but which cannot be got in these colonies, although they would be as useful here as in America.

valuable to all moreantile men.
Paper and Printing Trades' Journal, London.—The first number is crowded with interesting matter, and there is a goodly show of backbone.
Standord and Mail. Cape Towes (Africa). September 18, 1877.—This publication is printed in admirable site le, and presents a most creditable appearance.
Public Advertiser, Falmouth, Jamaica, August 27, 1877.—Will prove of great use to those who have or seek to have busineer relations with that country.
Printers' Register, London, July 6, 1877.—Being exclusively devoted to the export trade of the United States, it is likely to be of value to coional traders.
Nassau Guerding. July 68, 1877.—Weing with site or series in the second states. Nassau Gu rdian, July 23, 1877 --We acknowledge with thanks the receipt of a copy of "The American Mail and Export Journal. It is very nearly got up.

New Brunswick Reporter, Fredricton, N. B.-Sup-lies a want that has much been felt by manufact-rers and commercial men in the transaction of

Dusiness. Star, Coburg, Canada, September 19, 1877.—It will also prove interesting to those who take an interest in the trade of the world generally, as it contains re-ports from all parts of the globe. Alloce Time, Victoria East, August 31, 1877.—It con-tains everything of interess to importers and mer-chants and is very useful. Our readers would do well to give us a call and see the new paper. St. Helena Guardina. Sentember 6, 1877.—We wight

South a solid and see the new paper. St. Helena Guardian, September 6, 1877.—We wish the new venture that success it seems to deserve. Any of our readers desirous of seeing the first num-ber can do so on application at our office. Gippsland Mercury, Sale, Victoria, September 20, 1877.—"The Mail" is excellently printed on toned paper, and will be agreat acquisition to commercial circles, among which it will be extensively circuisted. Oxford (Eng) Times, July 25, 1877.—The "get up" is in every way admirable; the finely finished and highly glazed paper, the clear type and engrwings, and the well-selected and useful subject matter leave uothing to be desired, and it deserves to succeed. South actife Times, Callao, Pers, August 2, 1877.

South acide Times, Callao, Peru, August 3, 1877 That there 1 - a wider field abrond for America manufacturers man will deny, and it only remain to decide when, where and how to enter upon it promote this is the object and aim of the new jou To

bal. Daily Press, Hong Kong, China, August 28, 1877.— It would appear from some of the papers that he writers do not consider comparisons are odlous, and according to their showing American manufactures can "lick creation," more especially British cotton manufactures.

26.8 "lick creation, more and a september 7, 1877.—It beautifulity printed, and contains a very larg amount of valuable information from all parts of U world, and muss be exceedingly interesting to con mercial men. South Africa offers a splendid opp tunity for the energetic trader. Darling Dourns Gusefte, Tooucomba, Queensian September 19, 1877.—"The American Mail "is an e of the

never sacrificed for expediency to know that the fortune which crowns long years of toil has been fairly and honestly accumu lated. Wealth thus acquired is a blessing, a benefit and a deserved reward.

It is not so, however, when gained through deceit, fraud and trickery. It affords no delight in the retrospect, and is applauded only through fawning. There is a canker in the gold that comes dishonestly, and a skeleton in every feast it provides. It usually curses its possessor or, if not, his heirs. Deceit, falsehood and treachery in business are the forerunners of disaster. False weighing, false counting and false methods lead to forced balances on ledgers, and too frequently project failures in which liabilities are far in excess of assets. A dishonest merchant should not be trusted. He is entitled to neither consideration nor credit. He will cheat at every opportunity, and swindle confiding creditors when he can make more by bankruptcy than to continue in business. Dishonesty is building on the sand: the foundations are insecure and unstable. There is no permanence for the future. Honesty is building on the rock. Character rises fair and shapely, crowned with success, joyful in the retrospect and gladdening as it glances forward. The happiest, most sucees man is the one that is honest saful busin and straightforward from beginning to end .-U. S. Economist.

Actoougn they would be as userul nere as in America. Rangoon Times (India), September 1, 1877.-We wish the new venture every success, and without wishing to disparage the work of the "old country." fa-l bound to confess that in many things the Ameri-cans surpass us, and notably so in the manufacture of articles for domestic use.

of articles for domestic use. Bermuda Rayal Gazetta, Hamilton, October 25, 1877.—"The American Mail and Export Journal" of New York, surpasses the English papers in type, in ress work, in rich illustrations, and indeed in gen-eral information. Copies of "The American Mail" can be seen at our stationery store. Civil and Mitidary Gazetta, Lahore, India, August 51, 1877.—The promoters behave that American manu-fracturers do not fully realize the opportunities of in-creasing their export trade, and the object of the publication is to be a means of communication be-tween American manufacturers and the trade throughout the world. Deccan Herald, Poono, India, August as server to

throughout the world. Decoan Herald, Poona, India. August 22, 1877.—It gives us a vast deal of information regarding things of which we know but little. * * * The paper is evidently in the hands of real go-nhead Americans. Our English merchants had better look sharp, other-wise they will find the foreign market contested with them by Americas merchants. We think we have said enough to show the character of the new jour-nal, and to serve as a warming to English merchants in regard to the competition with which they are threatened.

threatened. Graaff-Reinet Advertiser, Transvaal, Africa, Sep-tember 4, 1877. – What strikes one on perusing this journal is the extuaordinary activity of the Ameri-can mind and the force with which it is directed to compete with the rest of the world in the industrial aris. * * The Centennial Exhibition has shown the Americans their manufacturing strength; and emboldened by a comparison of the works of their hauds with those of other countries, they now feel themselves alse to compete in most things with other nations in the markets of the world.

The above are merely brief extracts. Many of the journals quoted have given full column notices to ble copies and further information forwarded unon The Mail and Export Journal " and its miss

P. O. Bog 3893.

HOWARD LOCKWOOD, Publisher, 74 Duans St., New York.

September 19, 1877.—"The American Mall" is an ad-mirable publication, and a complete compendium of current commercial topics in the United States, and contains also capital concise summaries of business affairs in places all over the world. *Kopunda Herald, Kapunda, South Australia, Sep-tember 25, 1877.*—Special correspondents have been secured in various parts of the world to push the pur-poses of the paper. We hope that one result of this publication will be an increased trade between America and the Australian colonies.

America and the Australian colonies. Panama Star and Heruld, October 8, 1877.-It will be seen that a wile field of commercial interest is covered by the new journal, while a glauce at the articles under the different heads leads us to the conclusion that it is conducted with editorial ability of the first order. We trust the new venture will meet with the patronage and success it deserves. The Riving Sun and Nagasaki (Japan) Express, September 1, 1877.-It is exceedingly well got up, is commercial men and firms; combining as it does much useful knowledge and information regarding new industrial improvements and investions and a careful epitome of the state of trade-particularly export-of almost every country and colony in the world.

world. Holloway and St. Pancras (England) Press, October 37, 1377. — We have before us No. 5 of "The American Mail and Export Journal," published by Howard Lockwood, New York. The foreign memoranda are copious, and great praise is due the editor of "The Mail" for his thoroughly impartial spirit in trade items, and general news from correspondents in al-most every part of the globe, who evidently write of things as they find them. As a specimen of print-log, "The American Mail" is unrivaled. English traders must look to their leaves if they wish to ke journals quoted have sizen full column potices to





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